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Tayloe Murphy Institute

Consumer Price Indicators for Virginia Metropolitan Areas, 1982

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Preface

In 1975, the Tayloe Murphy Institute added to its regular studies an annual one on the relative cost of living in Virginia metropolitan areas, with the hope that it might present sufficiently reliable data to be useful to individuals, government agencies, and businesses in Virginia. That the results are useful to Virginians has been quite evident from the response received beginning with the publication of the 1975 data. Questions about the cost of living and how to use the data are received from many sources. The present study is the eighth in the continuing series on relative price levels for Virginia metropolitan areas. This report presents the findings of the 1982 study, plus a few revisions in the earlier data.

The 1982 study, like the previous studies, was under the general supervision of Eleanor G. May, Research Director, Business Studies Center. The major aspects of the project this year, including organization and supervision of the field work, as well as working with the computer processing of the data and the preparation of the tables were the responsibility of Mary E. Tompkins and David W. Sheatsley, Research Assistants of the Tayloe Murphy Institute. Assistance was supplied to the project by Claire E. Bingeman, a student at The Colgate Darden Graduate School of Business Administration, and Linda M. Beaulieu, a teacher in the Fluvanna County School System. The field research was conducted by Karen E. Bankard, Linda M. Beaulieu, Claire E. Bingeman, McDara P. Folan, Charles E. Hutson, Patricia A. Locke, David W. Sheatsley, and Michael G. Weatherholtz. Georgiana C. Shabanowitz typed the manuscript and prepared many of the forms and other materials used in the survey. Barry A. Jackson was responsible for the graphics.

We are also grateful for the assistance of all the business and professional people in Virginia who supplied us with the data for the survey, without which the project would have been impossible.

Charles O. Meiburg
Director
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I. Introduction

This publication reports on the eighth annual study of consumer prices, conducted by the Tayloe Murphy Institute of The Colgate Darden Graduate School of Business Administration of the University of Virginia. Prices were measured in the summer of 1982 for a market basket of items, a market basket that was comparable with the ones used for the earlier studies. From these item prices, relative item price indices were calculated for each of the geographic areas covered: the Standard Metropolitan Statistical Areas of Charlottesville, Lynchburg, Newport News-Hampton, Norfolk-Virginia Beach-Portsmouth (Virginia portion), Petersburg-Colonial Heights-Hopewell, Richmond, and Roanoke, and the Northern Virginia portion of the Washington, DC-MD-VA SMSA.[1] The Virginia portion of the Johnson City-Kingsport-Bristol,

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[1]Charlottesville SMSA = Charlottesville city and Albemarle, Fluvanna, and Greene Counties.

Lynchburg SMSA = Lynchburg city and Amherst, Appomattox, and Campbell Counties.

Newport News-Hampton SMSA = Hampton, Newport News, Poquoson, and Williamsburg cities and Gloucester, James City, and York Counties.

Norfolk-Virginia Beach-Portsmouth SMSA = Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach cities; excludes North Carolina portion of this SMSA.

Northern Virginia Area = Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties; excludes Maryland and District of Columbia parts of the Washington DC-MD-VA SMSA.

Petersburg-Colonial Heights-Hopewell SMSA = Colonial Heights, Hopewell, and Petersburg cities and Dinwiddie and Prince George Counties.

Richmond SMSA = Richmond city and Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan Counties.

Roanoke SMSA = Roanoke and Salem cities and Botetourt, Craig, and Roanoke Counties.

TN-VA SMSA was excluded because the major part of this area is in Tennessee rather than in Virginia. Also the Danville area was not covered in this study because it was only recently named an SMSA.

From the item price indices, category and total relative price indices were computed for each geographic area. Also, indexes of change were calculated which describe the year-to-year changes in consumer prices for each of the eight metropolitan areas, that is, the increase, or decrease, in prices for mid-1982 compared with mid-1981, mid-1981 compared with mid-1980, mid-1980 compared with mid-1979, mid-1979 compared with mid-1978, mid-1978 compared with mid-1977, mid-1977 compared with mid-1976, and mid-1976 compared with mid-1975.

As this study shows and as other price indicator surveys show, there are variations in consumer price indicators among different areas. These variations are the result of many factors. The primary reason, obviously, is the variations in the prices paid by residents of the areas for their consumer expenditures, that is for their "market basket" of the goods and services acquired to satisfy their needs and wants.

Prices vary from one location to another as a result of a number of factors. One cause of the variation is the cost of the raw materials required to produce the good or service the consumer is acquiring, such as, differences between the cost of energy produced from locally-acquired coal and the cost of energy produced from imported oil, or differences between the cost of fresh fruits or vegetables in the Southern states and the cost of these items in the Northern tier of the United States. Another cause of price variation among several areas is the cost of transporting the good or service to the market area, for example, the cost of coal in Southwestern Virginia where mines are located, compared with the cost of coal in non-producing areas. Still another

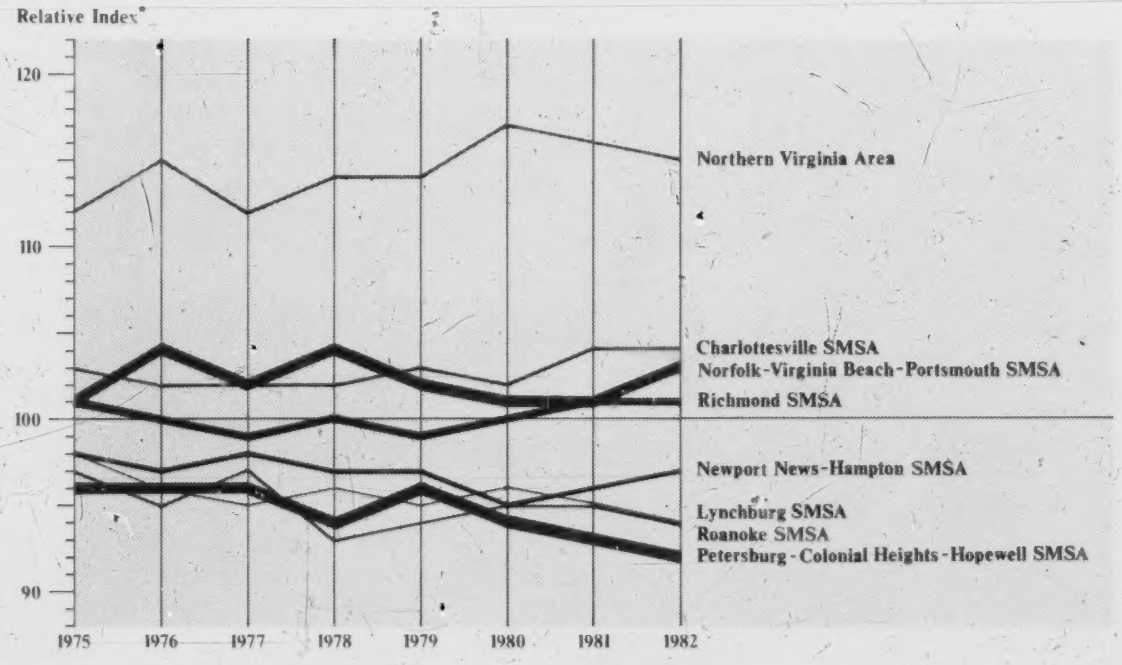
factor is the result of the variation in demand for the product, such as, the cost of land in heavily urbanized areas compared with the cost of land in less densely populated areas, not only a direct component of housing but also an indirect component of most other costs. The differences among land costs may be the largest cause of the regional variations. Differing local costs of doing business probably have the second largest impact on consumer costs. Payroll costs, a major component of the costs of operating a business, which must be considered when determining the retail price of the finished product or service, can differ markedly among different areas, not only because of varying pay rates but also because of productivity differences.

This Tayloe Murphy Institute study of prices in Virginia, as is common to most studies of living costs, estimates the differences among the areas by measuring differences in the prices paid by consumers. The objective of a study of consumer price levels is to measure differences in the cost of living among various groups of consumers, those in different geographic areas, different income classes, different family composition, and so forth. Variations in the standards of living of the consumers, however, are not fully considered. Therefore, the indices presented here do not reflect completely the differing life styles that exist in the various locations studied. However, because of the procedures used in this project, adapted from those used by the United States Bureau of Labor Statistics in developing consumer price indicators, the data reported here do reflect some life style differentials.

II. Relative Price Indices

Based on the 1982 survey results, the Northern Virginia portion of the Washington DC-MD-VA Standard Metropolitan Statistical Area, when compared with the other seven Virginia areas studied, continued to have the highest level of consumer prices. This relationship has held true in each of the prior seven years studied by the Tayloe Murphy Institute. (See Chart 1 and Table 1.) The Northern Virginia figure, 115, which far outreached all others, was followed by the Charlottesville SMSA with 104, the Norfolk-Virginia Beach-Portsmouth

Chart 1
Relative Consumer Price Indices
Eight Virginia Metropolitan Areas: 1975-1982



* Average for eight areas = 100%; 120 = 20% above average; 110 = 10% above average; 90 = 10% below average.

SMSA with 103, and the Richmond SMSA with 101. Four areas had below average indicators: the Newport News-Hampton SMSA at 97, the Lynchburg SMSA and the Roanoke SMSA at 94, and the Petersburg-Colonial Heights-Hopewell SMSA at 92.

The positions held by each of the eight areas in relation to each other have held fairly steady over the eight years studied by the Tayloe Murphy Institute. Northern Virginia has consistently had the highest indicator, by a wide margin. Although the index for Northern Virginia declined slightly between 1981 and 1982, from 116 to 115, the Northern Virginia area still far out distanced the other seven areas. Roanoke, Petersburg-Colonial Heights-Hopewell, and Lynchburg usually have experienced the lowest figures, while Newport News-Hampton also has tended to be lower than average. The Norfolk-Virginia Beach-Portsmouth area, which has typically been close to the average, this year exceeded the average of all eight areas by three percentage points. The Richmond and Charlottesville areas have consistently been slightly above the average.

Table 1

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1975-1982

	1975	1976	1977	1978	1979	1980	1981	1982
Charlottesville SMSA.....	103	102	102	102	103	102	104	104
Lynchburg SMSA.....	98	96	95	96	95	96	96r	94
Newport News-Hampton SMSA....	98	97	98	97	97	95	96	97
Norfolk-Virginia Beach-Portsmouth SMSA (Virginia portion).....	101	100	99	100	99	100	100r	103
Northern Virginia portion of the Washington DC-MD-VA SMSA.....	112	115	112	114	114	117	116	115
Petersburg-Colonial Heights-Hopewell SMSA.....	96	96	96	94	96	94	93	92
Richmond SMSA.....	101	104	102	104	102	101	101	101
Roanoke SMSA.....	97	95	97	93	94	95	95	94

r = revised

It is evident that, in each of the eight years, a pattern has appeared in which the most heavily populated areas experienced the higher levels of consumer prices, while the less heavily populated areas had the lower levels. This correlation occurred whether the areas were measured by population, personal income, or retail sales. (See Table 2.) Northern Virginia, the largest on all of these dimensions, had the highest consumer price indicators; the lower indicators were in the smaller Standard Metropolitan Statistical Areas: Lynchburg, Petersburg-Colonial Heights-Hopewell, and Roanoke.

The exception to this pattern is the area included in this survey which only in 1981 became an SMSA, Charlottesville. In each of the eight years, higher than average costs have been observed in the Charlottesville area, even

Table 2

POPULATION, INCOME, AND SALES DATA
EIGHT VIRGINIA METROPOLITAN AREAS

	Population[1]	Total Personal Income[2]	Retail Sales[3]
Charlottesville SMSA	114,600	$ 971,000,000	$ 482,510,000
Lynchburg SMSA	154,400	1,242,500,000	573,959,000
Newport News-Hampton SMSA	370,800	3,183,100,000	1,487,764,000
Norfolk-Virginia Beach-Portsmouth SMSA	809,100	6,982,600,000	3,037,139,000
Northern Virginia portion of the Washington DC-MD-VA SMSA	1,140,500	15,137,800,000	5,090,211,000
Petersburg-Colonial Heights-Hopewell SMSA	129,700	1,083,500,000	426,246,000
Richmond SMSA	645,400	6,729,700,000	3,116,577,000
Roanoke SMSA	227,200	2,039,300,000	1,098,069,000

[1] 1981 data, Estimates of the Population of Virginia Counties and Cities: July 1, 1981 (Provisional), Julia H. Martin and Michael A. Spar, Tayloe Murphy Institute, August 1982.

[2] 1980 data, Personal Income Estimates for Virginia Counties and Cities, 1980, John L. Knapp, Tayloe Murphy Institute, August 1982.

[3] 1981 data, Retail Sales in Virginia, 1981, Eleanor G. May, Tayloe Murphy Institute, May 1982.

though the area has the smallest population and total personal income, and nearly the lowest retail sales, among the eight areas studied.

Population-correlated consumer price levels perhaps can be explained by considering two factors that probably vary according to the size of the location. The first factor is real estate costs, which typically are higher in the more densely populated areas, and lower in the less populated areas. As is seen when the categories of expenses are considered, shelter is 31% more costly in Northern Virginia than the average for all eight areas, while Petersburg-Colonial Heights-Hopewell is 13% lower, Roanoke is 12% lower, and Lynchburg is 8% lower. (See Table 3.) Furthermore, it must be remembered that real estate costs affect not only housing but also most other items included in the market basket because real estate costs are a component of the cost structure of virtually all goods and services production and distribution. Thus the real estate cost differential for the more densely populated areas impacts all items in the market basket.

Conversely, the amount and degree of competition can affect prices of many items. More heavily populated areas typically have more outlets in which consumers can shop for the goods and services making up the market basket. A greater number of outlets and therefore a wider variety of outlets frequently will produce more price competition, usually resulting in a tendency toward lower prices. However, broader competition appears to have less depressing effect on prices than real estate costs have on increasing the prices of goods and services. Only the Charlottesville area did not follow the pattern that could be expected when these two factors are considered.

The relative price indices shown in Table 1 were composed of five categories of items that were priced: Food and Beverages, Housing, Apparel, Transportation, and Other Goods and Services. Each of the five categories was comprised of a varying number of subcategories; the subcategories usually

Table 3

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1982
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	104	94	97	103	115	92	101	94
I. Food and Beverages	110	92	98	100	107	93	103	97
A. Food	111	92	98	100	107	93	103	97
1. Food At Home	101	99	101	100	102	99	100	100
a. Cereal and Bakery Products	108	93	103	93	98	107	95	102
(1) Cereal and Cereal Products	112	96	89	92	94	115	94	106
(2) Bakery Products	107	92	108	94	100	104	95	100
b. Meats, Poultry, Fish, and Eggs	98	101	101	100	104	94	101	102
(1) Meats	97	101	101	101	104	93	101	103
(a) Beef	97	100	101	101	107	92	103	100
(b) Pork	97	103	102	102	96	95	100	105
(c) Other Meats	96	99	100	101	106	93	97	108
(2) Poultry	104	109	94	92	103	92	100	107
(3) Fish and Seafood	103	98	104	97	102	96	101	99
(4) Eggs	100	92	100	103	108	104	100	92
c. Dairy Products	97	106	103	100	92	103	97	102
d. Fruits and Vegetables	107	105	95	94	100	99	97	103
(1) Fresh Fruits and Vegetables	110	110	88	94	98	101	96	104
(a) Fresh Fruits	113	108	88	96	86	106	98	104
(b) Fresh Vegetables	107	111	87	92	108	97	94	104
(2) Processed Fruits and Vegetables	104	100	103	95	101	97	98	102
(a) Processed Fruits	104	100	102	98	102	94	102	99
(b) Processed Vegetables	103	99	105	92	101	100	94	106
e. Sugar and Sweets	98	100	101	102	103	96	96	97
f. Fats and Oils	97	93	97	100	107	104	101	102
g. Nonalcoholic Beverages	95	88	104	114	112	92	113	82
h. Miscellaneous Prepared Foods	106	93	98	98	105	102	98	99
2. Food Away From Home	131	78	92	100	118	79	110	92
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	105	92	96	103	124	90	99	90
A. Shelter	107	92	94	103	131	87	98	88
1. Rent	114	84	82	98	168	73	99	81
2. Homeownership	105	94	96	104	123	90	98	90
B. Fuels and Other Utilities	102	92	102	102	108	102	100	93
1. Fuels	99	99	108	102	100	99	97	9
2. Electricity	106	89	103	104	104	102	103	8
3. Natural Gas	80	107	94	97	104	114	101	102
4. Other Utilities and Public Services	115	80	101	105	121	93	97	89
C. Household Furnishings and Operation	96	93	105	106	106	97	100	96
1. House Furnishings	100	91	107	104	106	97	104	91
a. Textiles	89	88	130	110	102	77	113	90
b. Furniture	106	81	99	105	114	103	107	86
c. Appliances	95	94	107	100	100	108	98	99
d. Television and Sound Equipment	99	106	111	106	102	81	98	97
e. Other Household Equipment	102	92	100	102	106	103	106	89
2. Housekeeping Supplies	88	98	102	111	106	96	90	110

Table 3 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1982
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	99	99	105	109	88	103	98
A. Apparel Commodities	100	101	98	103	110	87	102	98
1. Mens Apparel	96	99	101	104	114	80	109	96
2. Boys Apparel	96	95	101	102	106	97	110	93
3. Womens Apparel	103	107	95	102	107	91	94	99
4. Girls Apparel	98	100	102	101	106	94	102	97
5. Footwear	104	94	95	105	112	84	105	102
B. Apparel Services	91	90	108	113	104	94	106	94
IV. Transportation	101	95	98	104	103	95	102	101
A. Auto Purchase	103	94	96	105	103	91	103	106
1. New Car	98	95	102	103	101	95	102	104
2. Used Car	110	92	87	108	106	85	104	108
B. Gasoline	100	98	99	110	98	96	100	98
C. Maintenance and Repair	95	91	100	97	121	98	101	98
D. Other Private Transportation	100	95	103	92	106	103	104	97
1. Commodities	106	100	99	100	97	102	94	102
2. Services	99	93	104	90	108	104	107	96
V. Other Goods and Services	98	96	99	101	113	95	103	95
A. Medical Care	96	93	100	103	118	94	102	94
1. Commodities	102	100	101	101	98	106	97	95
a. Prescription Drugs	94	101	102	106	100	107	98	92
b. Over-the-Counter Items	110	99	101	96	96	106	95	98
2. Services	95	92	100	104	122	92	102	94
a. Professional Services	95	91	98	100	124	94	104	94
(1) Physicians Services	94	91	96	100	135	96	103	84
(2) Dental Services	93	87	100	100	121	90	103	106
(3) Eye Exam and Eyeglasses	102	100	100	100	96	97	111	95
b. Other Services	96	93	101	107	120	90	100	94
B. Entertainment	101	100	98	95	105	96	106	99
1. Commodities	100	106	99	94	97	95	108	101
2. Services	102	90	97	97	116	98	104	96
C. Personal Care	99	95	99	106	113	96	101	91
1. Toilet Goods and Personal Care Appliances	106	95	99	97	101	109	94	98
2. Personal Care Services	94	95	99	112	123	86	107	84
D. Personal and Educational Expenses	98	107	86	105	115	91	94	104

contained a varying number of items. A sample of prices for each individual item was collected in each of the eight metropolitan areas. (A listing of each item priced, with category and subcategory combinations indicated, can be found in Table 16 in the Appendix.)

The item price data were combined to produce the subcategory price indicators, the subcategories to category price indicators, and the category into the total indices by using weights adapted from the United States Bureau of Labor Statistics weighting procedures developed for all urban consumers. A description of the weighting procedure used can be obtained from the Tayloe Murphy Institute.

The indices for the five categories, the subcategories, and for many items for each of the eight metropolitan areas for 1982 are shown in Table 3. Indices for earlier years are included in Tables 17 through 23 in the Appendix. The data in the Appendix reflect a few revisions over those published in prior years, resulting from methodological improvements as well as a few corrections in the earlier data. These revisions, however, had virtually no effect either on the interrelations among the indices for the eight metropolitan areas or on the interrelationships among the indices for the five categories.

As would be expected, wider variations appeared among the category indicators than among the total indicators, and even wider ones in some subcategories. The lowest relative indices were observed for Rent in Petersburg-Colonial Heights-Hopewell at 73, 27% below the average for the eight areas, Textiles (household linens and curtains) in Petersburg at 77, 23% below the average, and Food Away From Home in Lynchburg at 78, and in Petersburg at 79. Rent was the subcategory with the widest range, from the 73 in Petersburg-Colonial Heights-Hopewell and 81 in the Roanoke area to 168 in the Northern Virginia area. In other words, typical rental charge for a two bedroom apart-

ment (the item priced) in Northern Virginia was more than double that observed in Petersburg-Colonial Heights-Hopewell and also was 68% above the average for the eight areas combined.

The subcategory, which was second to Rent in range of price was Food Away From Home. This year, the area with the highest price for Food Away From Home was Charlottesville, at 31% above the average. Last year, Northern Virginia had the highest prices at 24% above the average. According to the 1982 survey, Food Away From Home in Northern Virginia was 18% above the average. Also of the other indices over 120, Northern Virginia experienced all but one of them: 135 for Physicians Services, 123 for Homeownership and Personal Care Services, and 121 for Dental Services, Transportation Maintenance and Repair, and Other Utilities and Public Services, while Newport News-Hampton had 130 for Textiles. The overall high consumer prices in Northern Virginia were further evidenced by there being only 12 of the 80 categories, subcategories, and items shown in Table 3 in which Northern Virginia's position was below that of the average for the eight areas. Furthermore six of these twelve indexes in Northern Virginia were in the Food and Beverages category, a grouping which even so in total was 7% ahead of the average.

The Food and Beverages category ranged from 110 in Charlottesville to 92 in Lynchburg.

The lowest readings for total Housing were observed in the Petersburg-Colonial Heights-Hopewell and Roanoke areas, at 10% below the average for the eight areas, and for Lynchburg, 8% below; the highest was 124 for the Northern Virginia area.

Apparel costs were lowest at 88 in Petersburg-Colonial Heights-Hopewell and highest in Northern Virginia at 109.

Transportation varied only narrowly among the eight areas studied, from 95 for Lynchburg and Petersburg-Colonial Heights-Hopewell to 104 for Norfolk-

Virginia Beach-Portsmouth.

Other Goods and Services is comprised of Medical Care, Entertainment, Personal Care, and Personal and Educational Expenses. Medical Care costs varied from 18% above average in Northern Virginia to 7% below average in the Lynchburg area. The high figure for Entertainment was 106 in Richmond, as compared with a low of 95 in Norfolk-Virginia Beach-Portsmouth. Personal Care costs were lowest in Roanoke at 91, and highest in Northern Virginia at 113. The range in Personal and Educational Expenses was from 86 in Newport News-Hampton to 115 in Northern Virginia.

III. Relative Living Standard Indices

In the previous section, the relative price of consumer goods and services was discussed as determined from the 1982 survey of consumer prices. This section carries the discussion one step further by relating the observed price levels to per capita income levels in each area. By comparing income levels with price levels, it is possible to develop a living standard index for each area which measures how well off an area is vis-a-vis the price of goods and services and income available to purchase those items.

Table 4 provides a tabulation of the components of living standard indices and of the indices for the eight areas studied here, marking the first time such indices have been included in this study of consumer prices. The living standard index is developed by dividing an income index, based on per capita income for each area, by that area's relative price index. Living standard indices for 1981 and 1982 are estimates since it was necessary to derive estimates of per capita income for these years due to an absence of income data. Per capita income estimates were developed by applying an 8.9% (actual) inflation rate for 1981 and a 5.1% (estimated) inflation rate for 1982 to actual 1980 per capita incomes.

Presumably under the ideal situation, relative per capita income levels in each area should be comparable to that area's relative price levels. In other words, with high consumer prices it would be expected that the incomes would be comparably high to accomodate the prices and, conversely, with a low level of consumer prices income levels would be low. Table 4 shows that, at least among the eight metropolitan areas included in the Virginia study, the expected situation rarely occurs.

Table 4

RELATIVE PRICE, INCOME, AND LIVING STANDARD INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1982

	Relative Price Index	Per Capita Income*	Income Index	Living Standard Index
Charlottesville SMSA	104	$ 9,763	90	86
Lynchburg SMSA	94	9,257	86	92
Newport News-Hampton SMSA	97	9,974	92	95
Norfolk-Virginia Beach-Portsmouth SMSA	103	9,885	91	88
Northern Virginia portion of the Washington DC-MD-VA SMSA	115	15,630	144	125
Petersburg-Colonial Heights-Hopewell SMSA	92	9,569	88	96
Richmond SMSA	101	12,158	112	111
Roanoke SMSA	94	10,369	95	102
Average	100	$10,826	100	100

*All per capita income figures represent estimates based on actual 1980 per capita incomes and inflation rates of 8.9% in calendar year 1981 and 5.1% in calendar year 1982 as obtained from the Bureau of Labor Statistics' Consumer Price Index.

Table 4 shows the relative price index for each of the eight areas, as determined from the 1982 Tayloe Murphy Institute consumer price survey, an estimated relative per capita income index, and the derived living standard index. Like the other indices, the living standard index was based on an average of 100. That is, an index above 100, say 110, means that an area's living standard was 10% higher than the average, while a living standard index of 90 represents a living standard 10% below the average.

As noted earlier, the Northern Virginia area has consistently had the highest consumer price levels among the State's eight metropolitan areas. As the table shows, the Northern Virginia area also has the highest per capita income in the State with an index of 144, or 44% higher than the average for the eight areas. This results in Northern Virginia having the highest living

standard index (125) among the eight areas studied. Only two other areas, Richmond at 111 and Roanoke at 102, have living standard indices above the average.

The Charlottesville area, which has consistently ranked second to Northern Virginia in the relative price index, ranks sixth in the per capita index estimated for 1982. This results in the Charlottesville area having the lowest living standard index (86) among the eight areas included in the study. The Norfolk-Virginia Beach-Portsmouth area is next at 88, followed by the Lynchburg area at 92, Newport News-Hampton at 95, and Petersburg-Colonial Heights-Hopewell at 96.

Table 5 and Chart 2 show that, like the relative price index, the positions held by each of the eight areas in relation to each other have been fairly steady since 1975, when this study of Virginia price levels was initiated. The Charlottesville area has consistently had the lowest living standard index among the eight areas, ranging from a low of 82, or 18% below the

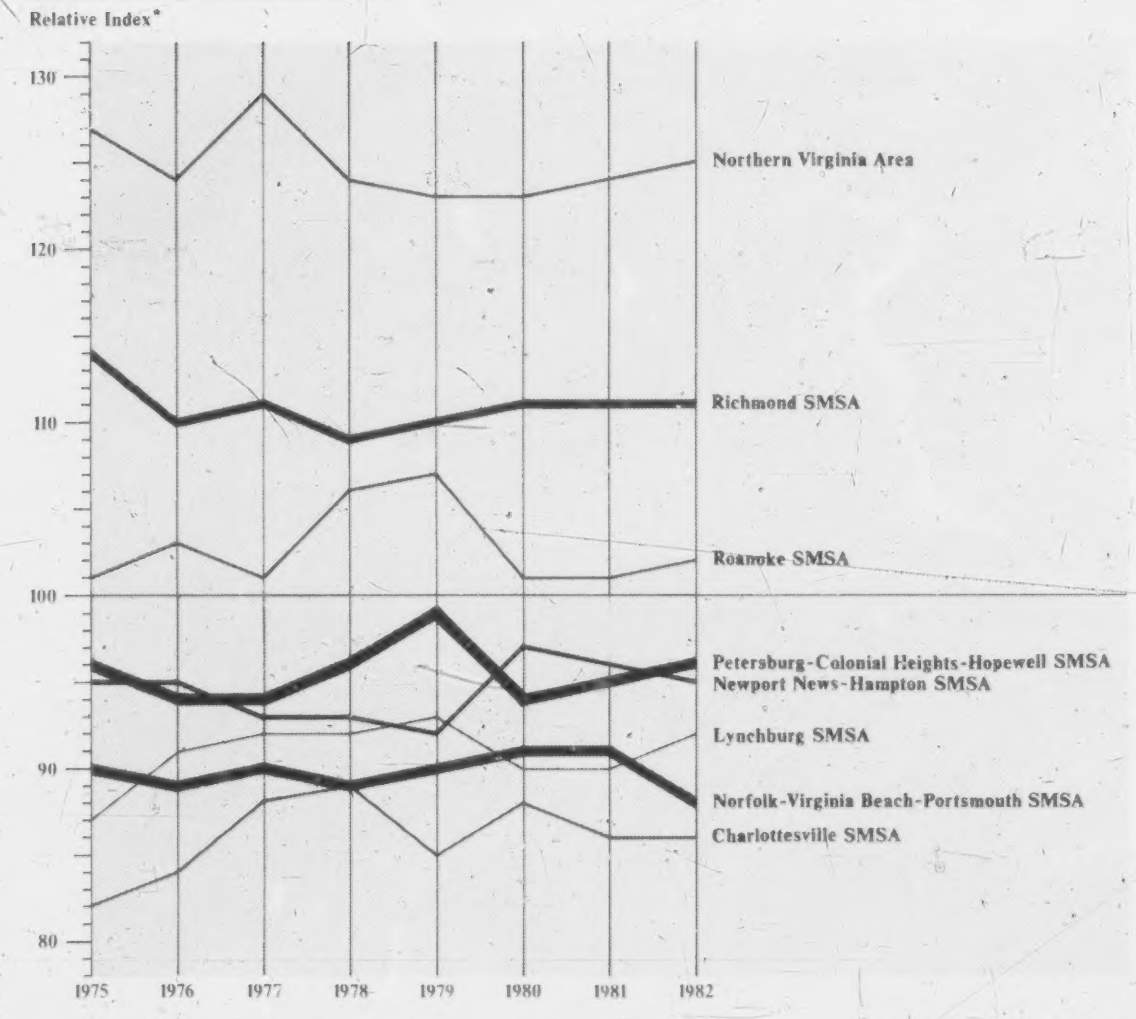
Table 5

RELATIVE LIVING STANDARD INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1975-1982

	1975	1976	1977	1978	1979	1980	1981*	1982*
Charlottesville SMSA.....	82	84	88	89	85	88	86	86
Lynchburg SMSA.....	87	91	92	92	94	90	90	92
Newport News-Hampton SMSA....	95	95	93	93	92	97	96	95
Norfolk-Virginia Beach-Portsmouth SMSA (Virginia portion).....	90	89	90	89	90	91	91	88
Northern Virginia portion of the Washington DC-MD-VA SMSA.....	127	124	129	124	123	123	124	125
Petersburg-Colonial Heights-Hopewell SMSA.....	96	94	94	96	99	94	95	96
Richmond SMSA.....	114	110	111	109	110	111	111	111
Roanoke SMSA.....	101	103	101	106	107	101	101	102

*Estimated

Chart 2
Relative Living Standard Indices
Eight Virginia Metropolitan Areas: 1975-1982



* Average for eight areas=100; 120=20% above average; 110=10% above average; 90=10% below average.

average in 1975, to a high of 89 in 1978. At the same time, the Northern Virginia area has consistently had the highest living standard index, ranging from a low of 123, or 23% above the average in 1979 and 1980, to a high of 129 in 1977.

IV. Annual Price Level Changes

All eight Virginia areas studied showed increases in consumer prices from mid-1981 to mid-1982, although the increases were markedly lower than those exhibited last year. (See Table 6.) The average for the eight areas combined was 6%, as compared with 14% in 1981. The comparable figure across the total United States was virtually identical at 6.2%. (See Table 7.)

Of the five categories of expenses, Apparel had the highest average increase in the eight areas studied, +13%, ranging from +5% in the Northern Virginia area to +22% in the Norfolk-Virginia Beach-Portsmouth area, and +20% in the Newport News-Hampton area. Transportation increases were close behind, up 10 points on average, with the Charlottesville area up 14% and +13% reported for the Norfolk-Virginia Beach-Portsmouth area.

An average increase of 7% was experienced for the Other Goods and Services category, with the Petersburg-Colonial Heights-Hopewell area having the biggest increase, 10%, and with the Charlottesville and Roanoke areas lowest, up 4%. The Food and Beverages category showed an average 2% increase, ranging from +6% in the areas of Charlottesville and Newport News-Hampton to a decline of 3% in the Norfolk-Virginia Beach-Portsmouth area. Housing, which experienced an increase of 16% in 1981, showed a change of only +4% according to the 1982 survey. The area with the largest increase in this grouping was the Norfolk-Virginia Beach-Portsmouth area with 9%. In four of the areas, Charlottesville, Lynchburg, Richmond, and Roanoke, the Housing category increased by only 2%, reflecting a leveling off of the interest rates charged in 1982 for new mortgages.

Table 6

CHANGES IN CONSUMER PRICE LEVELS
EIGHT VIRGINIA METROPOLITAN AREAS: 1975-1982

	1976/1975	1977/1976	1978/1977	1979/1978	1980/1979	1981/1980	1982/1981
Charlottesville SMSA.....	+4%	+8%	+6%	+11%	+9%	+16%	+6%
Lynchburg SMSA.....	+4	+7	+10	+10	+11	+14r	+4
Newport News-Hampton SMSA...	+5	+9	+8	+12	+7	+15	+7
Norfolk-Virginia Beach-Portsmouth SMSA.....	+4	+7	+8	+10	+10r	+15	+8
Northern Virginia portion of the Washington DC-MD-VA SMSA.....	+7	+5	+8	+12	+12	+13	+5
Petersburg-Colonial Heights-Hopewell SMSA.....	+6	+8	+7	+15	+6	+13	+4
Richmond SMSA.....	+8	+5	+10	+10	+9	+14	+5
Roanoke SMSA.....	+5	+10	+5	+13	+11	+14	+5
Average for Eight Areas.....	+5	+7	+8	+12	+9r	+14	+6

r = revised

Table 7

CHANGES IN CONSUMER PRICE LEVELS: UNITED STATES

	1982/1981	Index: 1975 = 100							
		1975	1976	1977	1978	1979	1980	1981	1982
Total	+6.2%	100.0	105.5	112.6	121.3	135.3	152.9	169.4	179.9
Food and Beverages	+4.0	100.0	102.2	109.3	117.7	129.2	140.2	151.1	157.1
Housing	+7.1	100.0	106.3	114.1	122.2	137.4	158.6	178.3	191.0
Apparel	+2.6	100.0	104.0	108.8	112.0	116.6	125.1	131.2	134.6
Transportation	+4.6	100.0	109.8	117.0	122.7	142.5	164.6	185.2	193.7
Other Goods and Services	+9.7	100.0	105.6	111.3	128.2	138.3	152.0	166.4	182.5

Source: United States Bureau of Labor Statistics. Based on an average of the unadjusted Consumer Price Index for July and August for years shown.

As in past years, the variations by category in the year-to-year changes for each of the eight Virginia metropolitan areas were larger than for the total United States. This wider variation is as would be expected when studying smaller areas in which local factors (e.g., work stoppages, shortages of raw materials, weather) can affect the area's economy to a greater degree than the larger national economy would be affected.

In the Charlottesville Standard Metropolitan Statistical Area prices increased 6% in 1982, down from 16% in 1981. (See Table 8.) The biggest category increases in 1982 in the Charlottesville area were for Apparel (14%) and Transportation (14%). Housing increased by only 2%, the smallest increase since the survey began in 1975, Food and Beverages by 6%, and Other Goods and Services by 4%.

The Charlottesville area's consumer price level relative to the other areas continued to hold above average in 1982, at 104, second (but by a wide margin) to Northern Virginia among the areas studied. However, the relative living standard for the Charlottesville area was estimated to be the lowest of the eight areas studied.

Between 1981 and 1982 the Lynchburg Standard Metropolitan Statistical Area experienced a 4% increase in consumer prices. (See Table 9.) The Lynchburg area's overall increase resulted from a +12% change for Apparel, +8% for Transportation, +5% for Other Goods and Services, +2% for Housing, and -1% for Food and Beverages.

The Lynchburg area's prices in 1982, however, were 6% below the average for the eight areas studied, holding a position relative to the other seven areas similar to that observed in all prior seven years of the Tayloe Murphy Institute analysis. Also, the Lynchburg area's relative living standard was the second lowest of the eight areas studied at 92, 8% below the average.

Table 8

CHANGES IN CONSUMER PRICE LEVELS: CHARLOTTESVILLE*

	1982/1981	Index: 1975 = 100							
		1975	1976	1977	1978	1979	1980	1981	1982
Total	+6%	100	104	112	119	132	144	167	177
Food and Beverages	+6	100	100	106	113	124	129	149	158
Housing	+2	100	103	113	120	131	143	167	170
Apparel	+14	100	107	123	128	146	144	157	179
Transportation	+14	100	103	106	114	135	155	172	196
Other Goods and Services	+4	100	109	114	124	136	150	182	189

*Standard Metropolitan Statistical Area

Table 9

CHANGES IN CONSUMER PRICE LEVELS: LYNCHBURG*

	1982/1981	Index: 1975 = 100							
		1975	1976	1977	1978	1979	1980	1981	1982
Total	+4%	100	104	111	122	135	149	169	177
Food and Beverages	-1	100	99	105	111	125	131	143	156
Housing	+2	100	102	109	120	128	143	164	167
Apparel	+12	100	120	128	139	153	149	173	194
Transportation	+8	100	103	108	121	141	159	179	193
Other Goods and Services	+5	100	103	113	128	141	170	193	203

*Standard Metropolitan Statistical Area

The Newport News-Hampton area's total change in consumer prices between 1981 and 1982 was +7%. (See Table 10.) The category comprising Apparel led the increases in this area, as in most of the other areas, with a +20% change. The Transportation category followed with an increase of 9%, Other Goods and Services +7%, while Housing and Food and Beverages increased by only 6%.

The Newport News-Hampton area prices in total in 1982 relative to the other areas studied were 3% below the average, a position similar to that held by the Newport News-Hampton area throughout the eight years studied in this analysis. Also, the Newport News-Hampton area's relative living standard stood at 95, 5% below the average for the eight areas.

For the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area, the change in consumer prices from 1981 to 1982 was +8%, the largest percentage increase among the eight areas. (See Table 11.) Apparel increased more than did the total for Norfolk, with a 22% upswing, as did Transportation, which exhibited an increase of 13%, and Housing (+9%). Of the two remaining categories, Other Goods and Services increased by 7% while the category of Food and Beverages actually declined by 3%.

The Norfolk-Virginia Beach-Portsmouth area's consumer price level relative to the other areas in 1982 was slightly above average, 103, changing a pattern observed in the previous seven years of this Tayloe Murphy Institute study of being not more than one point above or below the mean. The Norfolk-Virginia Beach-Portsmouth area's relative living standard, however, stood at 88 in 1982, 12% below the average for the eight areas.

The Northern Virginia part of the Washington, DC-MD-VA Standard Metropolitan Statistical Area experienced a 5% increase in consumer prices in 1982, after a 13% increase in 1981 and a 12% increase in 1980. (See Table 12.) The 1982 figure was the result of increases of 10% for the Transportation category, 9% in the category of Other Goods and Services, 5% for the Apparel cate-

Table 10

CHANGES IN CONSUMER PRICE LEVELS: NEWPORT NEWS-HAMPTON*

	1982/1981	Index: 1975 = 100							
		1975	1976	1977	1978	1979	1980	1981	1982
Total	+7%	100	105	114	124	138	148	170	182
Food and Beverages	+6	100	103	114	120	131	139	147	156
Housing	+6	100	105	113	122	136	145	172	182
Apparel	+20	100	105	113	127	141	138	148	178
Transportation	+9	100	105	107	118	139	154	177	193
Other Goods and Services	+7	100	102	115	124	137	145	179	192

*Standard Metropolitan Statistical Area

Table 11

CHANGES IN CONSUMER PRICE LEVELS: NORFOLK-VIRGINIA BEACH-PORTSMOUTH*

	1982/1981	Index: 1975 = 100							
		1975	1976	1977	1978	1979	1980	1981	1982
Total	+8%	100	104	111	120	132	147	169	182
Food and Beverages	-3	100	102	109	121	131	144	163	158
Housing	+9	100	101	107	116	125	139	159	173
Apparel	+22	100	109	128	134	143	142	156	190
Transportation	+13	100	107	110	118	137	159	182	206
Other Goods and Services	+7	100	108	114	122	141	149	181	194

*Standard Metropolitan Statistical Area

Table 12

CHANGES IN CONSUMER PRICE LEVELS: NORTHERN VIRGINIA*

	1982/1981	Index: 1975 = 100							
		1975	1976	1977	1978	1979	1980	1981	1982
Total	+5%	100	107	112	121	136	152	172	181
Food and Beverages	+3	100	101	104	119	129	136	147	151
Housing	+4	100	104	112	119	133	149	172	179
Apparel	+5	100	112	119	127	133	144	169	177
Transportation	+10	100	112	113	121	144	167	192	211
Other Goods and Services	+9	100	113	119	123	138	164	183	200

*Northern Virginia portion of the Washington DC-MD-VA SMSA

gory, 4% for Housing, and 3% for Food and Beverages. The Apparel category increase was the lowest observed in 1982 in any of the eight areas studied.

The Northern Virginia area's position relative to the other eight areas, 115 in 1982, continued a pattern of prices for this heavily populated area which was for the most part significantly higher than in the other seven Virginia areas. Furthermore, the Northern Virginia area's relative living standard was 125, the highest of any of the eight areas studied.

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area experienced a 4% increase overall between 1981 and 1982, the smallest overall increase reported in this study. (See Table 13.) The 1982 over 1981 change was led by the Other Goods and Services category at +10%. The Transportation and Apparel categories showed increases of +7%, while Housing and Food and Beverages showed increases of 3% and 1%, respectively.

The Petersburg-Colonial Heights-Hopewell area's consumer price level in 1982 was the lowest, relative to the other areas measured. This area either has held the lowest relative position or has been within one or two points of the lowest score in each of the prior seven years of this study. However, the Petersburg-Colonial Heights-Hopewell area's relative living standard at 96, even though it was below the average for the eight areas studied, surpassed the Charlottesville, Norfolk-Virginia Beach-Portsmouth, and Lynchburg areas.

The increase in consumer prices for 1981 to 1982 for the Richmond Standard Metropolitan Statistical area was 5%. (See Table 14.) The increase from 1981 to 1982 for Richmond was caused by a 12% increase in the Apparel category, +9% for Transportation, +8% for Other Goods and Services, +4% for Food and Beverages, and a +2% for the Housing category.

The Richmond SMSA's position in 1982 was just narrowly over the average relative to the other areas studied, following a pattern observed in most other years of this Tayloe Murphy Institute analysis. At the same time, the

Table 13

CHANGES IN CONSUMER PRICE LEVELS: PETERSBURG-COLONIAL HEIGHTS-HOPEWELL*

	1982/1981	Index: 1975 = 100							
		1975	1976	1977	1978	1979	1980	1981	1982
Total	+4%	100	106	114	122	141	149	169	176
Food and Beverages	+1	100	100	109	122	131	141	150	152
Housing	+3	100	105	113	121	140	142	165	170
Apparel	+7	100	114	127	140	153	158	169	181
Transportation	+7	100	111	115	120	149	168	188	201
Other Goods and Services	+10	100	110	116	118	135	150	171	188

*Standard Metropolitan Statistical Area

Table 14

CHANGES IN CONSUMER PRICE LEVELS: RICHMOND*

	1982/1981	Index: 1975 = 100							
		1975	1976	1977	1978	1979	1980	1981	1982
Total	+5%	100	108	113	125	137	150	171	180
Food and Beverages	+4	100	100	107	116	121	130	140	146
Housing	+2	100	106	112	122	133	143	166	169
Apparel	+12	100	115	118	141	156	158	169	189
Transportation	+9	100	116	115	129	147	172	197	215
Other Goods and Services	+8	100	116	123	129	147	157	191	206

*Standard Metropolitan Statistical Area

Table 15

CHANGES IN CONSUMER PRICE LEVELS: ROANOKE*

	1982/1981	Index: 1975 = 100							
		1975	1976	1977	1978	1979	1980	1981	1982
Total	+5%	100	105	116	121	137	152	173	182
Food and Beverages	+2	100	102	111	119	133	148	157	160
Housing	+2	100	105	114	118	133	145	168	171
Apparel	+15	100	100	113	120	129	138	149	171
Transportation	+11	100	106	116	126	151	168	198	220
Other Goods and Services	+4	100	109	120	128	136	162	189	197

*Standard Metropolitan Statistical Area

Richmond area's relative living standard was second only to the Northern Virginia area's top rating among the eight areas studied.

In 1982, the Roanoke Standard Metropolitan Statistical Area experienced an increase in consumer prices of 5% as compared with 1981. (See Table 15.) The total index was led by the Apparel category increase of 15%, followed by Transportation at +11%, Other Goods and Services at +4%, and Housing and Food and Beverages both at +2%.

The Roanoke area, as has been the case in previous years, recorded one of the lower positions relative to the other seven areas in 1982, 94, equal to Lynchburg, but slightly higher than Petersburg-Colonial Heights-Hopewell. However, the Roanoke area's relative living standard was narrowly above the average for the eight areas studied, following a pattern similar to that observed in all years in this survey.

The changes in the consumer price indicators for each of the eight Virginia metropolitan areas studied, for categories and subcategories and selected items, for 1982 over 1981, as well as for previous years, are shown in the Appendix in Table 24 through Table 30. The largest increases observed in 1982 for subcategories or individual items were in Footwear, up 46% in the Norfolk-Virginia Beach-Portsmouth area; Used Cars, +40% in the Charlottesville area; Mens Apparel, +34% in the Newport News-Hampton area; Personal and Educational Expenses, +32% in the Charlottesville area; and Private Transportation Services (auto insurance, registration, and operators permit), +31% in the Northern Virginia area. The number of items or subcategories for which decreases in average costs were evident increased significantly between 1981 and 1982. In 1981, percentage declines occurred in only 15 of the items or subcategories shown in Table 24 as compared with 36 in 1982. Declines were most evident in the Housing category, particularly in Fuels and House Furnishings. The cost of fuels either declined or showed no increase in all

eight areas surveyed, whereas in 1981, fuels exhibited increases of 18% to 29% among the eight areas. Other categories experiencing sizable percentage declines included Food Away From Home (-17% in the Lynchburg area and -18% in the Norfolk-Virginia Beach-Portsmouth area); Entertainment Commodities (-8% in the Roanoke area and -6% in the Charlottesville area); and Private Transportation Commodities (-11% in the Newport News-Hampton area and -6% in the Northern Virginia area).

Appendix Tables

Consumer Price Index Weights.

Relative Consumer Price Indices, 1975-1981

Changes in Price Levels, 1975-1982

Table 16

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
Total	100.000	100.000
I. Food and Beverages	17.535	17.535
A. Food At Home	11.343	11.343
1. Cereals and Bakery Products	1.487	1.487
a. Cereal	0.173	0.173
(1) Corn Flakes		0.086
(2) Rolled Oats		0.087
b. Rice	0.118	0.118
c. Flour	0.095	0.095
d. Bakery Products	1.101	1.101
(1) White Bread[1]	0.314	0.536
(2) Bread, other than White[1]	0.109	
(3) Fresh Biscuits, Rolls, Muffins[1]	0.113	
(4) Sweet Rolls, Coffee Cake, Doughnuts[2]	0.119	
(5) Crackers, Stuffing, Bread Crumbs, Cracker Meal[2]	0.072	
(a) Crackers[2]		0.096
(b) Cracker Meal[2]		0.095
(6) Cookies[3]	0.143	0.374
(7) Fresh Pie, Tart, Turnover, Frozen Bakery Products[3]	0.101	
(8) Fresh Cake and Cupcakes[3]	0.130	
2. Meats, Poultry, Fish, and Eggs	3.686	3.686
a. Meats	2.770	2.770
(1) Beef	1.529	1.529
(a) Hamburger	0.409	0.459
(b) Chuck Roast	0.187	0.211
(c) Rib Roast	0.089	0.275
(d) Round Roast[4]	0.156	
(e) Round Steak[4]	0.095	0.584
(f) Sirloin Steak[4]	0.102	
(g) Steak, Other Than Round and Sirloin[4]	0.323	
(h) Other Beef	0.168	
(2) Pork	0.772	0.772
(a) Bacon	0.139	0.174
(b) Pork Chops	0.160	0.201
(c) Whole Ham	0.129	0.162
(d) Canned Ham	0.073	0.092
(e) Pork Sausage	0.115	0.143
(f) Other Pork	0.156	0.000
(3) Other Meats	0.469	0.469
(a) Frankfurters	0.115	0.251
(b) Bologna, Liverwurst, Salami	0.100	0.218
(c) Other Lunchmeats	0.158	0.000
(d) Lamb and Organ Meats	0.094	0.000
(e) Unpriced Items	0.002	0.000
b. Poultry	0.348	0.348
(1) Fresh Whole Chicken	0.137	0.348
(2) Fresh or Frozen Chicken Parts	0.118	
(3) Other Poultry	0.093	
c. Fish and Seafood	0.371	0.371
(1) Canned Fish and Seafood	0.142	0.142
(a) Canned Tuna		0.047
(b) Canned Salmon		0.047
(c) Canned Sardines		0.048
(2) Fresh or Frozen Fish	0.229	0.229
(a) Perch Fillets, Frozen		0.114
(b) Haddock Fillets, Frozen		0.115
d. Eggs	0.197	0.197

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
3. Dairy Products	1.518	1.518
a. Fresh Milk and Cream	0.868	0.868
(1) Fresh Whole Milk	0.631	0.631
(2) Cream and Fresh Milk, Other Than Whole Milk	0.237	0.237
b. Other Dairy Products	0.650	0.650
(1) Butter	0.079	0.079
(2) Cheese	0.320	0.320
(3) Ice Cream	0.164	0.164
(4) Evaporated Milk	0.087	0.087
4. Fruits and Vegetables	1.669	1.669
a. Fresh Fruits	0.411	0.411
(1) Apples	0.084	0.157
(2) Bananas	0.053	0.098
(3) Oranges	0.084	0.156
(4) Other Fresh Fruits	0.190	0.000
b. Fresh Vegetables	0.457	0.457
(1) White Potatoes	0.106	0.053
(2) Sweet Potatoes		0.053
(3) Lettuce	0.101	0.101
(4) Tomatoes	0.047	0.047
(5) Other Fresh Vegetables	0.203	0.203
(a) Green Beans		0.041
(b) Cabbage		0.041
(c) Carrots		0.041
(d) Celery		0.040
(e) Onions		0.040
c. Processed Fruits	0.402	0.402
(1) Frozen Fruit and Fruit Juices	0.114	0.184
(a) Frozen Orange Juice		0.092
(b) Frozen Lemonade		0.092
(2) Fruit Juices, other than Frozen	0.152	0.000
(3) Canned and Dried Fruits	0.136	0.218
(a) Canned Peaches		0.109
(b) Canned Fruit Cocktail		0.109
d. Processed Vegetables	0.399	0.399
(1) Frozen Vegetables	0.104	0.104
(a) Frozen Peas		0.026
(b) Frozen Green Beans		0.026
(c) Frozen Broccoli		0.026
(d) Frozen Fried Potatoes		0.026
(2) Canned Cut Corn	0.099	0.099
(3) Other Canned and Dried Vegetables	0.196	0.196
(a) Canned Tomatoes		0.049
(b) Canned Peas		0.049
(c) Canned Sliced Beets		0.049
(d) Dried Navy Beans		0.049
5. Sugar and Other Sweets	0.431	0.431
a. Sugar and Artificial Sweeteners	0.118	0.118
b. Candy	0.209	0.209
c. Jelly	0.104	0.104
6. Fats and Oils	0.317	0.317
a. Margarine	0.086	0.086
b. Lard, Shortening, Oil, Mayonnaise, Salad Dressing	0.155	0.155
(1) Cooking Oil		0.052
(2) Shortening		0.052
(3) Salad Dressing		0.051
c. Peanut Butter	0.076	0.076
7. Nonalcoholic Beverages	1.234	1.234
a. Cola Drinks[5]	0.496	0.761
b. Dietary Carbonated Drinks[5]	0.265	
c. Ground Coffee	0.118	0.118
d. Instant Coffee	0.121	0.121
e. Tea Bags	0.234	0.234

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
8. Miscellaneous Prepared Foods	1.001	1.001
a. Tomato Soup	0.094	0.214
b. Baby Food	0.154	0.352
c. Snacks	0.190	0.435
(1) Potato Chips		0.145
(2) Corn Chips		0.145
(3) Popcorn		0.145
d. Seasonings, Spices, Pickles, Relishes	0.104	0.000
e. Other Condiments	0.159	0.000
f. Frozen Prepared Foods	0.156	0.000
g. Other Canned, Packaged Prepared Foods	0.144	0.000
B. Food Away From Home	5.235	5.235
1. Lunch	1.681	2.461
2. Dinner	1.894	2.774
3. Breakfast and Brunch	0.993	0.000
4. Unpriced Items	0.667	0.000
C. Alcoholic Beverages	0.958	0.958
1. Whiskey and Wine	0.283	0.958
a. Whiskey	0.162	0.000
b. Wine	0.121	0.000
2. Beer and Ale	0.357	0.000
3. Other Alcoholic Beverages	0.093	0.000
4. Alcoholic Beverages Away From Home	0.178	0.000
5. Unpriced Items	0.047	0.000
II. Housing	46.043	47.315
A. Shelter	31.928	34.266
1. Rent of Dwelling[6]	5.097	6.201
2. Other Rental Costs	0.750	
a. Lodging While Out of Town[6]	0.482	
b. Tenants Insurance[7]	0.069	
c. Unpriced Items[6]	0.199	
3. Homeownership	26.081	28.065
a. Home Purchase	9.576	10.277
b. Mortgage Interest Cost	10.826	11.619
c. Property Insurance[7]	0.558	0.673
d. Property Taxes	1.563	1.678
e. Maintenance and Repair Services	2.777	1.258
(1) Repainting	1.172	1.258
(2) Capital Improvement Services[8]	1.605	
f. Maintenance and Repair Commodities	0.781	0.350
(1) Capital Improvement Commodities[8]	0.455	
(2) Exterior Paint	0.137	0.350
(3) Lumber, Paneling, Awning, Glass, Black Top, Masonry Materials	0.068	
(4) Landscaping Items, Hard Surface Floor Cover, Miscellaneous Supplies	0.053	
(5) Plumbing and Electrical Supplies	0.045	
(5) Unpriced Items	0.023	
g. Reshingling[8]		2.210
B. Fuels and Other Utilities	6.882	7.384
1. Fuels	1.387	1.488
a. Fuel Oil[9]	1.216	1.488
b. Coal, Bottled or Tank Gas[9]	0.162	
c. Unpriced Items[9]	0.009	

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
2. Electricity	2.193	2.354
3. Natural Gas	1.491	1.599
4. Other Utilities	1.811	1.943
a. Telephone	1.249	1.467
b. Water and Sewage Maintenance	0.406	0.476
c. Community Antenna or Cable TV	0.050	0.000
d. Garbage and Trash Collection	0.099	0.000
e. Unpriced Items	0.007	0.000
C. Household Furnishings and Operation	7.233	5.665
1. House Furnishings	3.833	4.117
a. Textiles	0.493	0.530
(1) Household Linen	0.248	0.270
(a) Top Sheet		0.135
(b) Blanket		0.135
(2) Curtains	0.243	0.260
(3) Unpriced Items	0.002	
b. Furniture	1.140	1.225
(1) Bedroom Furniture	0.352	0.378
(a) Box Spring and Mattress		0.189
(b) Bedroom Suite		0.189
(2) Living Room Suite[10]	0.438	0.471
(a) Sofa[10]	0.212	
(b) Living Room Tables and Chairs[10]	0.226	
(3) Dining Room Suite	0.350	0.376
c. Appliances	0.714	0.768
(1) Refrigerator	0.189	0.277
(2) Washing Machine	0.172	0.253
(3) Toaster	0.162	0.238
(4) Stove, Dishwasher, Floor Cleaning Equipment, Sewing Machine	0.183	0.000
(5) Unpriced Items	0.008	0.000
d. Television, Radio, and Sound Equipment	0.610	0.655
(1) Television	0.272	0.292
(a) Black and White Television		0.146
(b) Color Television		0.146
(2) Phonograph	0.338	0.363
e. Other Household Equipment	0.876	0.939
(1) Carpet	0.178	0.516
(2) Clock Radio	0.146	0.423
(3) Tableware, Non-Electric Cooking and Kitchenware	0.284	0.000
(4) Lawn and Garden Equipment, Power Tools	0.173	0.000
(5) Unpriced Items	0.095	0.000
2. Housekeeping Supplies	1.442	1.548
a. Detergent	0.304	0.455
b. Liquid Bleach	0.232	0.347
c. Toilet Tissue	0.238	0.357
d. Furniture Polish	0.260	0.389
e. Lawn and Garden Supplies	0.210	0.000
f. Stationery Supplies	0.198	0.000
3. Housekeeping Services	1.957	0.000
III. Apparel and Upkeep	4.617	4.745
A. Apparel Commodities	3.952	4.061
1. Mens Apparel	0.997	1.229
a. Mens Suit, Year-Round	0.266	0.334
b. Mens Topcoat	0.088	0.110

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
c. Mens Undershorts, Sweater, Pajamas	0.218	0.271
(1) Undershorts		0.091
(2) Sweater		0.089
(3) Pajamas		0.091
d. Mens Dress Shirt	0.185	0.230
e. Mens Slacks	0.227	0.284
f. Unpriced Items	0.013	0.000
2. Boys Apparel	0.256	0.315
a. Boys Coats, Jackets, Sweaters, Shirts	0.085	0.107
(1) Coat and Jacket		0.036
(2) Sweater		0.036
(3) Sport Shirt		0.035
b. Boys Underwear, Nightwear, Hosiery, Accessories	0.049	0.063
(1) Boys Underpants		0.032
(2) Boys Pajamas		0.031
c. Boys Trousers	0.112	0.146
(1) Play Trousers		0.073
(2) Dress Trousers		0.073
d. Unpriced Items	0.012	0.000
3. Womens Apparel	1.184	1.458
a. Womens Coats, All Weather	0.129	0.177
b. Womens Dress	0.257	0.350
c. Womens Separates and Sportswear	0.263	0.357
(1) Sweater		0.119
(2) Blouse		0.119
(3) Slacks		0.119
d. Womens Sleepwear, Undergarments, Hosiery	0.366	0.456
(1) Brassiere		0.114
(2) Panties		0.114
(3) Nightgown		0.114
(4) Hosiery		0.114
e. Womens Purse	0.087	0.118
f. Womens Suit	0.112	0.000
4. Girls Apparel	0.251	0.307
a. Girls Jackets	0.082	0.102
b. Girls Separates and Sportswear	0.102	0.127
(1) Sweater		0.032
(2) Skirt		0.032
(3) Blouse		0.032
(4) Slacks		0.031
c. Girls Underwear, Sleepwear, Hose, Accessories	0.063	0.078
(1) Panties		0.026
(2) Socks		0.026
(3) Pajamas and Nightgown		0.026
d. Unpriced Items	0.004	0.000
5. Infants and Toddlers Apparel	0.100	0.000
6. Footwear	0.610	0.752
a. Mens Street Shoes	0.201	0.248
b. Boys and Girls Footwear	0.164	0.202
(1) Boys Sneakers		0.068
(2) Boys Dress Shoes		0.067
(3) Girls Street Shoes		0.067
c. Womens Dress and Street Shoes	0.245	0.302
7. Sewing Materials and Notions	0.140	0.000
8. Jewelry and Luggage	0.414	0.000
B. Apparel Services	0.665	0.684
1. Laundry and Dry Cleaning[11]	0.443	0.684
2. Apparel and Jewelry Repair[11]	0.222	

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
IV. Transportation	19.314	19.847
A. Private Transportation	18.010	19.847
1. Auto Purchase[12]	6.794	8.553
a. New Car, Truck, Motorcycle[12]	3.497	4.919
(1) New Auto, Full-Size		1.640
(2) New Auto, Mid-Size		1.640
(3) New Auto, Compact		1.639
b. Used Car	3.297	3.634
2. Gasoline	6.062	6.681
a. Gasoline	5.972	6.582
b. Motor Oil	0.090	0.099
3. Maintenance and Repair	1.449	1.596
a. Maintenance and Servicing	0.536	1.003
(1) Tune-Up		0.501
(2) Lubrication		0.502
b. Front-End Alignment	0.318	0.593
c. Body Work	0.205	0.000
d. Power Plant Repair	0.390	0.000
4. Other Private Transportation	3.705	3.017
a. Commodities	0.582	0.643
(1) Tires	0.418	0.460
(2) Parts and Equipment	0.164	0.183
(a) Battery		0.061
(b) Spark Plugs		0.061
(c) Oil Filter		0.061
b. Services	3.123	2.374
(1) Auto Insurance	1.602	1.766
(2) State Registration	0.221	0.508
(3) Local Registration	0.022	0.051
(4) Operators Permit[12]	0.022	0.049
(5) Vehicle Finance Charges[12]	0.966	
(6) Vehicle Inspection	0.017	0.000
(7) Car and Truck Rental	0.237	0.000
(8) Unpriced Items	0.036	0.000
B. Public Transportation	1.304	0.000
V. Other Goods and Services	12.491	10.558
A. Medical Care	4.870	5.007
1. Medical Care Commodities	0.803	0.733
a. Prescription Drugs	0.372	0.383
(1) Ataraxics, Relaxants, Hypnotics	0.062	0.124
(a) Sedatives		0.062
(b) Tranquilizers		0.062
(2) Anti-Infective Drugs	0.074	0.147
(3) Analgesics	0.057	0.112
(4) Hormones, Diabetic Drugs, Biologicals, Prescription Supplies	0.071	0.000
(5) Circulatories and Diuretics	0.047	0.000
(6) Dietary Supplements, Uppers, Respiratory Agents	0.061	0.000
b. Over-the-Counter Items	0.431	0.350
(1) Internal and Respiratory Drugs	0.249	0.350
(a) Multiple Vitamins		0.117
(b) Pain Relievers		0.117
(c) Cough Syrup		0.116
(2) Nonprescription Medical Equipment and Supplies	0.092	0.000
(3) Eyeglasses[13]	0.090	0.000

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
2. Medical Care Services	4.068	4.274
a. Professional Services	1.920	2.067
(1) Physicians Services	0.960	1.005
(a) M.D. Office Visit		0.251
(b) Tonsillectomy Fee		0.251
(c) Herniorrhaphy Fee		0.251
(d) Obstetrical Fee		0.252
(2) Dental Services	0.708	0.741
(a) Dental Filling		0.370
(b) Tooth Cleaning		0.371
(3) Eye Examination[13]	0.218	0.321
(4) Unpriced Items	0.034	0.000
b. Other Medical Care Services	2.148	2.207
(1) Hospital Room	0.178	0.184
(2) Other Hospital and Medical Care Services	0.202	0.209
(a) Operating Room		0.104
(b) X-Ray Series		0.105
(3) Health Insurance	1.766	1.814
(4) Unpriced Items	0.002	0.000
B. Entertainment	3.589	3.686
1. Entertainment Commodities	2.137	2.194
a. Sporting Goods and Equipment	0.593	0.836
(1) Tennis Racket		0.418
(2) Badminton Set		0.418
b. Reading Materials	0.581	0.000
c. Toys, Hobbies, Other Entertainment	0.963	1.358
(1) Car Stereo		1.358
2. Entertainment Services	1.452	1.492
a. Admissions, Fees, and Other Entertainment Services	1.452	1.492
(1) Movie Admission		0.746
(2) Bowling		0.746
C. Personal Care	1.571	1.613
1. Toilet Goods and Personal Care Appliances	0.713	0.732
a. Shampoo	0.190	0.195
b. Dental and Shaving Products	0.145	0.149
(1) Toothpaste		0.074
(2) Shaving Cream		0.075
c. Cosmetics and Other Toilet Goods	0.378	0.388
(1) Toilet Soap		0.129
(2) Tissues		0.129
(3) Deodorant		0.129
2. Personal Care Services	0.858	0.881
a. Beauty Shop Services	0.580	0.595
b. Mens Haircut	0.278	0.286
D. Personal and Educational Expenses	1.420	0.252
1. Legal Services	0.244	0.252
a. Will		0.063
b. Divorce		0.063
c. Adoption		0.063
d. House Closing		0.063
2. School Books and Supplies[14]	0.179	0.000
3. Tuition and Other School Fees[14]	0.997	0.000
E. Tobacco Products[14]	1.041	0.000

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

*Source: "Relative Importance of CPI Items," unpublished data from United States Department of Labor, Bureau of Labor Statistics

Note: 0.000 indicates that the item was not priced in the Virginia survey, and the United States weight was prorated throughout the relevant subcategory.

A blank space for the Virginia Survey Weights indicates that the item was not priced in the Virginia survey; the USBLS weights in these instances were assigned to similar products or services.

[1]In the Virginia survey, the Consumer Price Index weights for Bread, other than White and for Fresh Biscuits, Rolls, and Muffins, neither of which was priced for Virginia, were combined with the weight for White Bread.

[2]In the Virginia survey, Crackers and Cracker Meal were each assigned half the combined Consumer Price Index weights for the Crackers, Stuffing, Bread Crumbs, Cracker Meal subcategory and the Sweet Rolls, Coffee Cake, Doughnuts subcategory.

[3]In the Virginia survey, the Consumer Price Index weights for Fresh Pie, Tart, Turnover, Frozen Bakery Products and for Fresh Cake and Cupcakes, neither of which was priced for Virginia, were combined with the weight for Cookies.

[4]In the Virginia survey, the Consumer Price Index weights for Sirloin Steak and for Steak Other Than Round and Sirloin, neither of which was priced for Virginia, were combined with the weight for Round Steak.

[5]In the Virginia survey, the Consumer Price Index weight for Dietary Carbonated Drinks, which was not priced for Virginia, was combined with the weight for Cola Drinks.

[6]In the Virginia survey, the Consumer Price Index weight for Lodging While Out Of Town, which was not priced for Virginia, and for Unpriced [Other Rental Costs] items were included with the weight of Rent of Dwelling.

[7]In the Virginia survey, the Consumer Price Index weight for Tenants Insurance, which was not priced for Virginia, was included with the weight for Property Insurance.

[8]In the Virginia survey, Reshingling was assigned the combined Consumer Price Index weights for Capital Improvement Commodities and for Capital Improvement Services, neither of which was priced for Virginia.

[9]In the Virginia survey, the Consumer Price Index weight for Coal, Bottled or Tank Gas, which was not priced for Virginia, and for Unpriced [Fuels] items were combined with the weight for Fuel Oil.

[10]In the Virginia survey, the Consumer Price Index weights for Sofa and for Living Room Tables and Chairs, neither of which was priced for Virginia, were assigned to Living Room Suite.

[11]In the Virginia survey, the weight for Laundry and Dry Cleaning includes the Consumer Price Index weight for Apparel and Jewelry Repair, a service which was not priced for Virginia.

[12]In the Virginia survey, the Consumer Price Index weight for Vehicle Finance Charges, an item which was not priced for Virginia, was assigned to the weight for New Car, Truck, Motorcycle.

[13]In the Virginia survey, the Consumer Price Index weight for Eyeglasses was included with the weight for Eye Examination. Virginia price data for Eyeglasses and Eye Examination are collected together.

[14]The Consumer Price Index weights for School Books and Supplies, for Tuition and Other School Fees, and for Tobacco Products, items which were not priced for Virginia, were distributed among all the other items in the Virginia survey, except those items included in the Food and Beverages category.

Table 17

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1981
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	104	96r	96	100r	116	93	101	95
I. Food and Beverages	105	96	94	106	106	94	100	99
A. Food	105	96	94	106	107	94	100	99
1. Food At Home	104	98	99	100	99	99	99	101
a. Cereal and Bakery Products	102	98	98	101	100	102	98	101
(1) Cereal and Cereal Products	104	101	97	100	95	100	96	107
(2) Bakery Products	102	97	98	102	102	102	99	99
b. Meats, Poultry, Fish, and Eggs	105	97	99	102	99	101	99	97
(1) Meats	106	96	99	101	101	102	99	96
(a) Beef	108	94	96	102	101	106	97	95
(b) Pork	103	97	102	101	100	99	101	97
(c) Other Meats	103	97	103	100	98	96	103	100
(2) Poultry	99	112	97	101	95	97	95	104
(3) Fish and Seafood	103	99	103	102	96	97	100	100
(4) Eggs	97	93	105	103	96	102	104	99
c. Dairy Products	102	104	101	103	90	102	94	106
d. Fruits and Vegetables	104	105	98	94	99	98	97	106
(1) Fresh Fruits and Vegetables	100	106	93	93	102	96	99	112
(a) Fresh Fruits	103	105	94	88	105	92	100	113
(b) Fresh Vegetables	97	107	92	96	99	100	98	111
(2) Processed Fruits and Vegetables	108	104	103	95	95	100	94	100
(a) Processed Fruits	105	104	104	97	98	100	98	94
(b) Processed Vegetables	112	104	103	93	92	100	90	106
e. Sugar and Sweets	103	97	100	99	99	98	99	105
f. Fats and Oils	103	99	101	99	95	99	99	105
g. Nonalcoholic Beverages	109	82	100	102	116	90	104	97
h. Miscellaneous Prepared Foods	103	101	98	101	92	100	100	104
2. Food Away From Home	107	90	82	119	124	81	104	93
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	107	94	94	98r	126r	90	100	91
A. Shelter	109	94	92	96r	133	87	98	90
1. Rent	117	91	78	89	168	75	103	80
2. Homeownership	108r	94	95	98r	126r	90r	97	92
B. Fuels and Other Utilities	102	91	101	105	106	100	104	91
1. Fuels	97	102	103	103	99	99	99	98
2. Electricity	106	89	103	104	104	101	103	90
3. Natural Gas	89	105	101	103	101	100	109	93
4. Other Utilities and Public Services	110	75	97	112	116	100	104	85
C. Household Furnishings and Operation	101	97	98	98r	105	96	105	99
1. House Furnishings	101	96	98	100	104	97	105	98
a. Textiles	93r	94	104r	115r	111r	92r	109r	84r
b. Furniture	100	87	91	101	109	95	124	93
c. Appliances	97	101	99	96	106	103	96	102
d. Television and Sound Equipment	114	99	101	100	87	95	93	110
e. Other Household Equipment	100	104	103	92	108	98	94	101
2. Housekeeping Supplies	100	100	97	95	105	95	105	103

Table 17 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1981
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	100	94	97	118	92	104	96
A. Apparel Commodities	101	103	92	95	120	91	103	96
1. Mens Apparel	104	107	86	94	126	84	101	97
2. Boys Apparel	99	93	94	102	110	97	110	95
3. Womens Apparel	98	105	94	96	120	93	101	94
4. Girls Apparel	99	97	102	100	110	96	99	98
5. Footwear	103	97	93	87	120	92	107	101
B. Apparel Services	86	86	103	115	104	102	109	96
IV. Transportation	98	97	99	101	104	98	103	100
A. Auto Purchase	94	95	98	106	102	97	107	101
1. New Car	97	98	101	104	102	100	101	97
2. Used Car	89	91	92	110	101	93	117	107
B. Gasoline	101	103	97	100	103	95	97	103
C. Maintenance and Repair	100	95	104	97	111	100	104	89
D. Other Private Transportation	101	92	105	94	104	103	104	96
1. Commodities	98	95	112	90	104	103	101	96
2. Services	103	91	102	95	105	103	105	97
V. Other Goods and Services	101	97	99	100	110	93	102	98
A. Medical Care	100	94	99	104	117	93	101	93
1. Commodities	99	100	98	99	101	106	97	100
a. Prescription Drugs	95	96	99	100	98	113	102	96
b. Over-the-Counter Items	102	105	96	99	104	99	91	103
2. Services	100	93	99	105	119	90	102	92
a. Professional Services	95	91	107	102	118	92	104	90
(1) Physicians Services	99	89	98	100	128	94	105	87
(2) Dental Services	90	89	122	102	112	89	104	93
(3) Eye Exam and Eyeglasses	94	102	99	110	105	93	103	94
b. Other Services	105	94	92	107	121	89	99	93
B. Entertainment	103	101	100	95	101	93	103	104
1. Commodities	106	103	102	92	97	92	103	105
2. Services	99	100	97	99	108	94	102	101
C. Personal Care	103	98	97	100	113	93	101	94
1. Toilet Goods and Personal Care Appliances	101	101	98	94	104	104	92	105
2. Personal Care Services	104	96	97	105	121	84	109	85
D. Personal and Educational Expenses	83	99	98	106	107	86	102	119

r = revised

Table 18

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1980
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	102	96	95	100	117	94	101	95
I. Food and Beverages	98	96	96	103	108	96	101	102
A. Food	98	96	96	103	108	96	101	102
1. Food At Home	99	98	99	100	102	99	99	104
a. Cereal and Bakery Products	104	97	101	102	98	98	100	101
(1) Cereal and Cereal Products	109	104	96	93	99	107	95	98
(2) Bakery Products	102	95	102	105	97	96	101	101
b. Meats, Poultry, Fish, and Eggs	96	97	100	102	99	99	100	105
(1) Meats	94	97	100	103	100	98	101	106
(a) Beef	95	97	98	105	100	98	101	107
(b) Pork	92	102	108	98	105	96	100	99
(c) Other Meats	97	90	96	103	95	104	103	112
(2) Poultry	103	99	100	98	95	103	95	107
(3) Fish and Seafood	107	101	101	100	99	97	97	100
(4) Eggs	96	96	102	101	98	103	101	103
c. Dairy Products	100	99	97	100	102	100	98	105
d. Fruits and Vegetables	102	102	99	94	103	99	94	109
(1) Fresh Fruits and Vegetables	100	107	96	91	98	101	91	115
(a) Fresh Fruits	101	109	101	85	96	107	83	119
(b) Fresh Vegetables	100	104	92	97	101	96	100	112
(2) Processed Fruits and Vegetables	103	96	102	97	108	96	96	101
(a) Processed Fruits	108	94	101	101	109	91	100	96
(b) Processed Vegetables	98	98	104	92	107	101	92	107
e. Sugar and Sweets	101	96	99	99	102	98	100	104
f. Fats and Oils	99	97	100	102	108	95	103	97
g. Nonalcoholic Beverages	95	98	93	101	110	94	103	106
h. Miscellaneous Prepared Foods	101	93	101	97	105	105	101	98
2. Food Away From Home	97	92	90	109	122	89	105	96
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	106	94	92	99[r]	127	90	100	90
A. Shelter	108	94	89	98[r]	136	86[r]	99	90[r]
1. Rent	118	97	77	90	168[r]	67	102	83
2. Homeownership	106	94	92[r]	100[r]	129[r]	90	98	91
B. Fuels and Other Utilities	105	89	104	105	107	101	98	92
1. Fuels	102	98	103	101	101	99	98	97
2. Electricity	111	77	107	108	108	106	106	77
3. Natural Gas	85	109	105	108	90	108	84	111
4. Other Utilities and Public Services	117	81	100	103	120	91	98	90
C. Household Furnishings and Operation	95	96	99	101	104	102	109	94
1. House Furnishings	95	94	98	99	106	102	110	94
a. Textiles	87	83	111	106	117	92	121	83
b. Furniture	90	92	93	99	114	90	130	91
c. Appliances	95	97	96	97	100	112	100	102
d. Television and Sound Equipment	98	98	97	97	95	117	101	97
e. Other Household Equipment	105	97	102	97	104	104	94	98
2. Housekeeping Supplies	96	102	100	106	99	99	106	93

Table 18 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1980
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	101	96	96	96	111	96	106	98
A. Apparel Commodities	102	97	95	93	112	95	106	99
1. Mens Apparel	101	90	97	91	120	92	110	98
2. Boys Apparel	97	91	99	103	108	101	109	93
3. Womens Apparel	105	108	90	92	108	98	102	98
4. Girls Apparel	91	91	104	108	110	101	104	92
5. Footwear	106	92	98	89	113	88	109	106
B. Apparel Services	89	90	104	115	104	99	106	94
IV. Transportation	100	98	99	101	103	100	102	97
A. Auto Purchase	100	98	97	102	102	101	105	96
1. New Car	101	102	95	100	105	100	99	98
2. Used Car	98	92	100	106	95	101	114	93
B. Gasoline	101	101	97	101	101	100	100	99
C. Maintenance and Repair	98	96	106	100	117	92	96	95
D. Other Private Transportation	102	93	103	97	104	101	104	97
1. Commodities	102	98	103	104	99	94	101	98
2. Services	102	91	103	95	105	103	105	96
V. Other Goods and Services	97	100	95	97	115	95	101	100
A. Medical Care	94	95	97	104	119	94	105	93
1. Commodities	98	101	95	100	106	103	98	100
a. Prescription Drugs	93	101	96	97	107	109	101	96
b. Over-the-Counter Items	103	101	92	103	104	97	94	105
2. Services	93	94	98	104	121	92	106	92
a. Professional Services	93	96	103	99	117	93	109	90
(1) Physicians Services	92	95	96	99	131	91	109	87
(2) Dental Services	88	95	111	101	106	96	111	92
(3) Eye Exam and Eyeglasses	107	104	105	95	96	97	99	97
b. Other Services	93	91	93	109	125	91	104	94
B. Entertainment	99	108	93	88	114	95	93	110
1. Commodities	102	118	89	79	119	92	85	117
2. Services	96	93	98	101	108	101	105	100
C. Personal Care	101	95	96	101	108	97	106	96
1. Toilet Goods and Personal Care Appliances	103	96	97	98	104	103	101	99
2. Personal Care Services	100	95	95	104	112	92	110	93
D. Personal and Educational Expenses	95	108	85	97	96	111	101	107

r = revised

Table 19

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1979
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	103	95	97	99	114	96	102	94
I. Food and Beverages	101	99	97	99	109	95	101	99
A. Food	101	99	97	99	109	95	101	99
1. Food At Home	101	102	97	98	105	97	97	103
a. Cereal and Bakery Products	96	109	99	95	106	98	94	103
(1) Cereal and Cereal Products	103	103	95	93	107	101	97	101
(2) Bakery Products	93	111	101	96	106	97	92	104
b. Meats, Poultry, Fish, and Eggs	100	101	97	101	102	98	98	103
(1) Meats	100	102	96	103	102	97	100	101
(a) Beef	98	105	93	104	102	95	100	103
(b) Pork	104	96	102	103	102	99	98	97
(c) Other Meats	99	103	96	101	103	96	101	100
(2) Poultry	102	107	98	89	105	87	92	121
(3) Fish and Seafood	100	99	98	93	99	120	92	100
(4) Eggs	104	93	100	99	109	99	99	99
c. Dairy Products	103	106	98	94	100	94	94	110
d. Fruits and Vegetables	103	100	100	95	103	99	95	105
(1) Fresh Fruits and Vegetables	101	102	99	95	104	98	94	107
(a) Fresh Fruits	94	101	99	94	102	101	94	114
(b) Fresh Vegetables	108	103	98	96	106	95	94	100
(2) Processed Fruits and Vegetables	104	97	102	95	102	99	97	104
(a) Processed Fruits	106	94	96	98	106	97	100	103
(b) Processed Vegetables	102	99	108	92	98	102	94	104
e. Sugar and Sweets	101	96	96	99	107	97	99	105
f. Fats and Oils	103	97	94	96	115	97	101	97
g. Nonalcoholic Beverages	102	98	97	99	115	94	99	98
h. Miscellaneous Prepared Foods	102	103	93	95	111	98	98	99
2. Food Away From Home	102	89	97	103	119	91	110	88
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	106	92	93	98	124	95	102	90
A. Shelter	108	92	90	97	132	93	100	89
1. Rent	119	91	78	88	152	87	105	80
2. Homeownership	105	92	93	100	126	94	99	91
B. Fuels and Other Utilities	105	87	103	104	107	102	103	89
1. Fuels	97	95	105	101	107	102	102	91
2. Electricity	109	82	105	107	107	104	105	82
3. Natural Gas	84	99	104	106	85	118	105	98
4. Other Utilities and Public Services	116	80	100	101	123	90	100	90
C. Household Furnishings and Operation	96	95	99	98	106	99	108	98
1. House Furnishings	93	96	99	100	107	99	110	97
a. Textiles	84	86	112	110	114	88	115	92
b. Furniture	88	92	94	101	112	94	123	96
c. Appliances	95	96	99	100	102	104	98	105
d. Television and Sound Equipment	98	99	99	95	105	107	102	94
e. Other Household Equipment	97	104	100	96	101	99	105	96
2. Housekeeping Supplies	104	93	100	93	105	101	103	102

Table 19 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1979
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	103	99	100	99	104	95	107	93
A. Apparel Commodities	105	101	99	96	105	94	108	93
1. Mens Apparel	98	99	103	99	103	93	114	91
2. Boys Apparel	96	101	101	96	107	101	104	94
3. Womens Apparel	115	106	96	93	104	93	105	90
4. Girls Apparel	97	99	102	95	110	94	109	95
5. Footwear	105	94	96	100	106	94	104	101
B. Apparel Services	90	88	106	114	101	100	104	98
IV. Transportation	100	99	101	98	101	101	100	101
A. Auto Purchase	102	100	100	98	97	101	99	103
1. New Car	100	101	99	99	102	101	100	99
2. Used Car	105	99	101	96	91	102	97	109
B. Gasoline	99	100	101	100	101	101	98	99
C. Maintenance and Repair	89	94	104	100	115	97	101	100
D. Other Private Transportation	101	94	102	96	105	101	103	98
1. Commodities	96	107	98	99	105	94	95	105
2. Services	102	91	103	95	105	103	105	96
V. Other Goods and Services	99	93	100	103	110	96	105	93
A. Medical Care	96	89	101	106	114	97	104	94
1. Commodities	94	93	103	99	103	107	104	97
a. Prescription Drugs	88	90	102	96	101	110	112	101
b. Over-the-Counter Items	99	96	104	103	104	104	95	95
2. Services	96	89	101	107	116	95	104	93
a. Professional Services	94	89	106	100	116	98	105	91
(1) Physicians Services	93	87	106	95	129	97	108	86
(2) Dental Services	92	89	110	102	106	99	106	96
(3) Eye Exam and Eyeglasses	103	92	101	111	103	99	95	96
b. Other Services	98	88	95	113	116	92	103	95
B. Entertainment	100	98	102	99	105	96	106	95
1. Commodities	102	98	104	100	99	97	111	89
2. Services	96	97	99	98	114	94	99	102
C. Personal Care	107	94	97	103	111	94	105	88
1. Toilet Goods and Personal Care Appliances	107	96	94	98	104	99	101	99
2. Personal Care Services	106	93	99	106	117	90	109	80
D. Personal and Educational Expenses	95	91	93	109	99	111	108	92

Table 20

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1978
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	102	96	97	100	114	94	104	93
I. Food and Beverages	101	96	98	99	109	97	104	96
A. Food	101	96	98	99	109	97	105	95
1. Food At Home	99	97	102	99	103	101	98	101
a. Cereal and Bakery Products	99	98	98	101	103	101	101	100
(1) Cereal and Cereal Products	101	99	95	99	108	101	100	97
(2) Bakery Products	98	97	98	102	102	101	101	100
b. Meats, Poultry, Fish, and Eggs	99	95	102	102	102	101	100	99
(1) Meats	99	94	103	102	102	101	100	98
(a) Beef	100	95	105	105	101	101	99	95
(b) Pork	100	94	99	101	103	101	102	99
(c) Other Meats	94	94	105	98	101	101	102	104
(2) Poultry	104	102	91	102	97	101	97	105
(3) Fish and Seafood	99	89	100	103	103	102	101	102
(4) Eggs	97	93	104	102	103	102	102	97
c. Dairy Products	102	99	102	98	97	102	97	103
d. Fruits and Vegetables	101	98	98	100	104	99	98	102
(1) Fresh Fruits and Vegetables	101	98	98	101	104	96	99	102
(a) Fresh Fruits	103	96	99	100	109	95	100	100
(b) Fresh Vegetables	98	101	98	103	100	97	99	104
(2) Processed Fruits and Vegetables	101	98	98	99	103	102	97	102
(a) Processed Fruits	102	92	94	101	106	104	99	102
(b) Processed Vegetables	101	103	102	96	100	99	96	101
e. Sugar and Sweets	103	96	98	100	105	99	100	100
f. Fats and Oils	96	96	108	100	111	95	100	94
g. Nonalcoholic Beverages	91	95	117	92	105	107	90	102
h. Miscellaneous Prepared Foods	96	99	97	97	112	100	97	102
2. Food Away From Home	107	93	89	98	123	87	119	83
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	105	93	94	100	125	92	103	88
A. Shelter	106	93	91	101	133	89	102	86
1. Rent	110	87	83	94	162	78	110	74
2. Homeownership	105	94	93	103	125	92	100	89
B. Fuels and Other Utilities	103	90	101	101	103	101	107	93
1. Fuels	98	99	105	101	102	98	100	97
2. Electricity	109	81	105	107	107	103	105	84
3. Natural Gas	79	104	95	95	84	120	117	106
4. Other Utilities and Public Services	114	88	99	100	112	89	106	92
C. Household Furnishings and Operation	101	100	98	98	108	96	105	95
1. House Furnishings	100	101	98	99	108	95	107	93
a. Textiles	96	91	109	103	103	85	121	92
b. Furniture	97	99	99	100	121	85	118	81
c. Appliances	99	103	97	98	98	107	98	101
d. Television and Sound Equipment	101	99	99	100	103	103	99	96
e. Other Household Equipment	105	109	92	94	107	95	99	98
2. Housekeeping Supplies	103	98	99	96	106	99	99	100

Table 20 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1978
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	99	98	101	109	95	105	94
A. Apparel Commodities	101	100	98	99	109	94	105	94
1. Mens Apparel	102	103	102	99	103	88	107	96
2. Boys Apparel	90	100	99	94	111	99	108	98
3. Womens Apparel	105	101	92	102	113	97	100	90
4. Girls Apparel	95	96	98	101	109	98	105	97
5. Footwear	98	95	101	94	110	93	112	96
B. Apparel Services	86	88	99	119	105	99	106	99
IV. Transportation	99	100	101	100	100	97	104	99
A. Auto Purchase	99	105	101	102	95	92	105	100
1. New Car	99	100	99	101	98	100	100	102
2. Used Car	98	112	105	103	92	80	113	98
B. Gasoline	100	100	101	101	100	101	99	98
C. Maintenance and Repair	94	91	101	102	108	99	107	98
D. Other Private Transportation	100	95	99	94	108	102	105	98
1. Commodities	98	100	98	96	110	90	104	104
2. Services	100	93	99	93	107	105	106	97
V. Other Goods and Services	100	94	102	100	110	94	103	98
A. Medical Care	98	93	101	100	113	96	103	96
1. Commodities	97	105	101	90	103	108	99	98
a. Prescription Drugs	96	102	106	90	93	115	105	94
b. Over-the-Counter Items	98	108	96	91	113	100	92	101
2. Services	99	91	101	102	115	94	103	95
a. Professional Services	96	92	107	97	114	94	105	95
(1) Physicians Services	94	90	103	92	119	96	113	93
(2) Dental Services	97	89	117	99	114	89	96	99
(3) Eye Exam and Eyeglasses	100	105	99	107	96	101	101	90
b. Other Services	102	91	94	106	116	94	101	96
B. Entertainment	102	97	102	97	104	91	105	104
1. Commodities	107	96	100	98	97	89	106	105
2. Services	94	97	105	95	115	94	98	101
C. Personal Care	101	91	103	104	117	90	102	91
1. Toilet Goods and Personal Care Appliances	101	97	102	101	100	102	101	97
2. Personal Care Services	101	87	104	107	131	81	104	87
D. Personal and Educational Expenses	97	97	100	108	97	98	101	102

Table 21

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1977
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	102	95	98	99	112	96	102	97
I. Food and Beverages	102	99	101	98	103	97	102	99
A. Food	102	99	101	98	103	97	102	98
1. Food At Home	101	100	100	99	102	100	98	101
a. Cereal and Bakery Products	97	95	98	101	106	103	103	97
(1) Cereal and Cereal Products	102	94	101	98	106	102	100	97
(2) Bakery Products	93	95	96	104	106	104	106	96
b. Meats, Poultry, Fish, and Eggs	101	102	101	100	100	98	96	102
(1) Meats	99	103	102	102	100	97	96	101
(a) Beef	94	102	105	106	100	97	93	104
(b) Pork	102	100	101	101	102	96	100	98
(c) Other Meats	106	109	98	94	97	102	97	98
(2) Poultry	113	101	93	93	97	97	93	113
(3) Fish and Seafood	104	96	101	99	100	100	99	101
(4) Eggs	101	96	101	100	105	101	98	98
c. Dairy Products	104	97	99	95	101	103	100	100
d. Fruits and Vegetables	101	104	98	97	97	102	96	105
(1) Fresh Fruits and Vegetables	102	105	97	95	95	100	97	108
(a) Fresh Fruits	101	107	94	97	93	104	96	108
(b) Fresh Vegetables	103	104	99	94	96	98	99	108
(2) Processed Fruits and Vegetables	100	102	100	98	101	105	93	101
(a) Processed Fruits	96	101	101	102	110	97	98	95
(b) Processed Vegetables	102	103	99	97	97	108	91	104
e. Sugar and Sweets	102	97	99	100	102	98	99	102
f. Fats and Oils	97	93	96	106	110	98	106	94
g. Nonalcoholic Beverages	102	102	104	96	105	96	94	100
h. Miscellaneous Prepared Foods	99	97	99	99	106	100	98	102
2. Food Away From Home	109	94	105	92	108	83	121	87
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	105	92	94	98	122	92	103	94
A. Shelter	105	92	90	99	132	89	100	92
1. Rent	112	88	80	96	157	83	105	80
2. Homeownership	103	93	94	100	125	91	99	96
B. Fuels and Other Utilities	106	84	98	96	105	103	110	97
1. Fuels	99	99	101	101	102	101	100	98
2. Electricity	111	72	108	108	110	106	108	76
3. Natural Gas	107	91	78	79	100	111	121	114
4. Other Utilities and Public Services	107	77	107	101	109	91	108	99
C. Household Furnishings and Operation	102	98	103	98	105	95	104	97
1. House Furnishings	103	98	103	97	105	92	106	96
a. Textiles	96	92	110	108	107	83	107	98
b. Furniture	101	98	104	94	110	90	111	92
c. Appliances	98	102	98	100	102	99	96	106
d. Television and Sound Equipment	115	95	96	94	97	102	105	96
e. Other Household Equipment	104	99	110	97	103	85	106	95
2. Housekeeping Supplies	100	98	100	100	105	102	97	98

Table 21 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1977
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	104	99	95	104	110	93	98	98
A. Apparel Commodities	106	100	95	103	110	92	97	98
1. Mens Apparel	107	106	98	102	109	86	93	99
2. Boys Apparel	95	99	93	98	110	103	96	106
3. Womens Apparel	109	98	91	104	111	95	97	95
4. Girls Apparel	105	94	93	101	104	102	111	90
5. Footwear	103	97	99	104	113	86	95	103
B. Apparel Services	87	86	101	114	106	102	105	99
IV. Transportation	99	95	99	101	101	102	103	101
A. Auto Purchase	99	95	98	104	93	104	104	102
1. New Car	99	102	99	100	101	103	97	99
2. Used Car	100	90	96	108	86	104	110	105
B. Gasoline	99	100	97	101	101	103	99	100
C. Maintenance and Repair	99	92	98	102	109	99	105	96
D. Other Private Transportation	96	90	102	95	109	102	105	101
1. Commodities	97	91	96	99	96	102	104	114
2. Services	96	90	103	94	113	101	105	97
V. Other Goods and Services	98	89	102	99	116	96	103	97
A. Medical Care	97	90	104	98	117	98	102	94
1. Commodities	94	98	95	89	108	107	101	107
a. Prescription Drugs	92	97	92	84	105	115	109	107
b. Over-the-Counter Items	96	99	98	95	111	100	94	108
2. Services	98	88	105	99	119	97	102	93
a. Professional Services	98	89	114	90	118	97	104	91
(1) Physicians Services	96	89	112	93	124	98	101	87
(2) Dental Services	102	88	119	83	113	89	110	96
(3) Eye Exam and Eyeglasses	97	96	106	95	92	118	97	99
b. Other Services	98	88	96	108	120	96	100	95
B. Entertainment	100	88	98	97	112	95	105	104
1. Commodities	114	85	96	92	102	96	116	99
2. Services	93	90	99	101	117	95	98	107
C. Personal Care	98	91	102	105	117	90	102	94
1. Toilet Goods and Personal Care Appliances	102	99	102	97	100	98	97	105
2. Personal Care Services	94	84	103	114	134	82	106	83
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available

Table 22

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1976
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	102	96	97	100	115	96	104	95
I. Food and Beverages	103	100	98	98	106	96	102	97
A. Food	103	100	97	98	107	95	102	97
1. Food At Home	101	101	99	100	102	99	98	99
a. Cereal and Bakery Products	97	100	98	101	104	102	100	98
(1) Cereal and Cereal Products	101	103	98	99	104	102	98	96
(2) Bakery Products	94	98	98	102	103	103	101	100
b. Meats, Poultry, Fish, and Eggs	102	105	98	102	101	96	99	97
(1) Meats	102	106	98	103	101	96	99	94
(a) Beef	106	107	103	103	94	97	95	97
(b) Pork	97	106	95	103	104	97	104	94
(c) Other Meats	104	105	92	102	109	92	105	91
(2) Poultry	101	104	103	96	95	96	95	111
(3) Fish and Seafood	104	94	98	101	102	93	100	107
(4) Eggs	101	100	100	102	105	101	101	89
c. Dairy Products	102	103	100	99	100	98	97	101
d. Fruits and Vegetables	104	98	100	95	99	104	94	105
(1) Fresh Fruits and Vegetables	104	99	100	92	99	105	94	108
(a) Fresh Fruits	101	97	99	91	96	104	89	124
(b) Fresh Vegetables	105	100	101	92	100	106	97	98
(2) Processed Fruits and Vegetables	105	97	101	99	99	103	95	100
(a) Processed Fruits	102	99	103	102	97	100	98	98
(b) Processed Vegetables	107	97	100	98	100	103	94	101
e. Sugar and Sweets	102	98	101	101	100	98	101	100
f. Fats and Oils	95	96	102	106	110	94	104	92
g. Nonalcoholic Beverages	100	99	103	94	115	96	95	99
h. Miscellaneous Prepared Foods	96	97	98	99	109	100	98	102
2. Food Away From Home	115	95	86	90	128	80	121	85
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	102	92	94	100	124	92	103	92
A. Shelter	100	92	91	101	136	89	101	90
1. Rent	106	92	82	99	148	88	103	83
2. Homeownership	98	92	93	102	132	89	101	92
B. Fuels and Other Utilities	110	87	101	101	100	97	112	93
1. Fuels	98	98	101	101	103	103	99	97
2. Electricity	110	79	104	108	108	103	106	81
3. Natural Gas	119	97	95	99	78	88	133	91
4. Other Utilities and Public Services	109	76	102	97	112	94	107	104
C. Household Furnishings and Operation	105	98	100	94	107	97	104	96
1. House Furnishings	106	98	100	94	108	95	105	95
a. Textiles	95	91	109	97	131	84	104	89
b. Furniture	110	98	95	90	112	90	110	95
c. Appliances	103	102	95	93	102	104	96	104
d. Television and Sound Equipment	114	101	100	97	97	96	100	95
e. Other Household Equipment	95	93	112	98	102	103	108	90
2. Housekeeping Supplies	101	98	99	97	102	104	99	99

Table 22 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1976
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	100	101	96	97	113	91	106	95
A. Apparel Commodities	101	102	96	96	113	91	107	95
1. Mens Apparel	107	113	92	92	123	84	99	91
2. Boys Apparel	99	98	95	100	115	85	102	106
3. Womens Apparel	94	102	96	96	110	95	112	95
4. Girls Apparel	100	92	94	101	101	108	121	83
5. Footwear	107	94	104	99	110	85	101	101
B. Apparel Services	92	88	99	108	113	99	102	99
IV. Transportation	99	93	100	101	103	101	107	95
A. Auto Purchase	102	89	98	104	98	104	112	93
1. New Car	104	98	101	100	102	99	100	96
2. Used Car	100	80	95	107	94	110	124	90
B. Gasoline	101	99	99	101	100	100	103	98
C. Maintenance and Repair	97	96	107	103	104	93	105	94
D. Other Private Transportation	93	91	101	96	113	101	106	97
1. Commodities	91	99	94	101	107	100	105	103
2. Services	94	89	103	94	115	102	107	96
V. Other Goods and Services	100	89	97	100	119	97	103	94
A. Medical Care	97	87	92	101	122	102	104	95
1. Commodities	99	97	101	90	101	109	108	94
a. Prescription Drugs	98	96	101	87	101	109	108	100
b. Over-the-Counter Items	99	99	102	93	102	109	108	88
2. Services	96	86	90	102	124	101	104	96
a. Professional Services	98	83	93	94	122	110	106	93
(1) Physicians Services	100	[illegible]	90	97	134	100	106	91
(2) Dental Services	95	80	96	88	107	131	108	95
(3) Eye Exam and Eyeglasses	100	100	104	100	100	100	96	100
b. Other Services	94	89	87	111	127	92	102	98
B. Entertainment	107	90	101	97	115	94	101	96
1. Commodities	122	80	105	88	120	98	103	84
2. Services	97	95	99	102	112	92	99	104
C. Personal Care	99	91	103	105	117	91	104	89
1. Toilet Goods and Personal Care Appliances	103	100	101	99	96	102	103	96
2. Personal Care Services	96	81	106	112	140	79	106	82
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available

Table 23

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1975
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	103	98	98	101	112	96	101	97
I. Food and Beverages	102	103	97	99	101	100	99	98
A. Food	103	104	97	99	102	100	99	98
1. Food At Home	103	104	97	99	102	100	99	98
a. Cereal and Bakery Products	100	105	92	103	104	101	101	95
(1) Cereal and Cereal Products	103	108	91	99	101	101	98	98
(2) Bakery Products	97	103	93	106	106	101	103	93
b. Meats, Poultry, Fish, and Eggs	102	104	98	97	101	103	99	96
(1) Meats	104	103	98	97	100	105	100	93
(a) Beef	104	100	98	99	99	107	101	91
(b) Pork	96	110	98	96	96	105	98	98
(c) Other Meats	114	100	99	96	104	98	99	91
(2) Poultry	101	108	101	90	107	93	95	107
(3) Fish and Seafood	100	100	95	99	103	102	99	102
(4) Eggs	96	105	97	100	103	100	98	101
c. Dairy Products	105	104	96	99	97	101	97	101
d. Fruits and Vegetables	108	103	99	96	98	103	97	96
(1) Fresh Fruits and Vegetables	111	104	99	94	97	105	99	91
(a) Fresh Fruits	109	103	107	95	94	108	98	86
(b) Fresh Vegetables	112	104	92	93	99	104	100	95
(2) Processed Fruits and Vegetables	105	103	99	98	99	100	93	103
(a) Processed Fruits	102	103	101	101	102	92	93	105
(b) Processed Vegetables	106	103	98	97	98	104	93	102
e. Sugar and Sweets	97	100	97	99	102	101	99	99
f. Fats and Oils	97	100	92	109	110	93	104	95
g. Nonalcoholic Beverages	100	106	104	98	110	88	94	101
h. Miscellaneous Prepared Foods	103	103	94	96	108	88	94	114
2. Food Away From Home	NA	NA	NA	NA	NA	NA	NA	NA
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	103	94	92	101	124	92	102	92
A. Shelter	100	93	90	102	135	91	102	87
1. Rent	101	94	88	96	149	92	100	81
2. Homeownership	100	92	91	103	131	91	103	89
B. Fuels and Other Utilities	112	92	98	99	101	98	100	99
1. Fuels	98	101	100	101	101	102	100	97
2. Electricity	104	96	100	104	100	97	101	98
3. Natural Gas	132	101	87	93	86	98	103	101
4. Other Utilities and Public Services	112	76	105	99	113	95	98	102
C. Household Furnishings and Operation	105	100	96	100	105	91	102	101
1. House Furnishings	106	98	95	102	104	89	104	101
a. Textiles	92	92	117	85	107	95	112	100
b. Furniture	115	97	73	108	111	87	106	103
c. Appliances	93	105	105	97	98	98	99	104
d. Television and Sound Equipment	106	102	110	101	96	81	101	103
e. Other Household Equipment	109	91	112	107	101	90	98	92
2. Housekeeping Supplies	100	107	100	93	107	99	96	99

Table 23 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1975
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	103	93	102	99	110	87	102	105
A. Apparel Commodities	104	93	102	98	109	86	103	106
1. Mens Apparel	103	96	83	102	108	82	111	115
2. Boys Apparel	103	103	97	100	104	91	103	98
3. Womens Apparel	103	84	118	100	114	80	93	108
4. Girls Apparel	108	99	102	104	101	92	108	88
5. Footwear	105	101	98	85	108	97	106	100
B. Apparel Services	92	89	103	110	115	101	94	95
IV. Transportation	103	97	102	102	99	99	100	97
A. Auto Purchase	107	100	98	109	92	101	97	95
1. New Car	105	100	96	98	102	100	101	98
2. Used Car	108	100	101	120	84	102	93	91
B. Gasoline	101	101	101	101	99	97	100	101
C. Maintenance and Repair	111	88	110	94	111	93	100	93
D. Other Private Transportation	97	92	108	96	105	100	105	96
1. Commodities	91	101	116	91	110	95	100	96
2. Services	98	89	105	98	104	102	107	96
V. Other Goods and Services	100	94	103	101	115	93	98	96
A. Medical Care	98	92	99	102	118	97	98	96
1. Commodities	101	91	108	98	104	104	92	101
a. Prescription Drugs	94	92	105	98	102	114	91	104
b. Over-the-Counter Items	108	90	110	99	107	95	93	97
2. Services	97	93	98	103	120	96	99	95
a. Professional Services	96	93	101	100	119	99	96	96
(1) Physicians Services	92	91	102	101	129	98	95	92
(2) Dental Services	101	95	100	100	106	100	97	101
(3) Eye Exam and Eyeglasses	100	100	100	100	100	100	100	100
b. Other Services	99	92	94	105	121	92	102	95
B. Entertainment	104	94	104	100	115	88	98	98
1. Commodities	116	102	95	97	120	81	94	94
2. Services	97	89	109	102	111	92	100	100
C. Personal Care	96	98	113	103	110	93	96	91
1. Toilet Goods and Personal Care Appliances	103	104	102	102	96	103	94	97
2. Personal Care Services	89	92	124	103	124	83	98	85
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available

Table 24

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1982 OVER 1981

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+6%	+4%	+7%	+8%	+5%	+4%	+5%	+5%
I. Food and Beverages	+6%	-1%	+6%	-3%	+3%	+1%	+4%	+2%
A. Food	+6	-1	+6	-4	+3	+1	+4	+2
1. Food At Home	+2	+6	+6	+3	+7	+4	+5	+4
2. Food Away From Home	+15	-17	+6	-18	-6	-7	0	-2
B. Alcoholic Beverages	+6	+6	+6	+6	+6	+6	+6	+6
II. Housing	+2%	+2%	+6%	+9%	+4%	+3%	+2%	+2%
A. Shelter	+1	+1	+4	+9	+2	+2	+2	0
1. Rent	+6	0	+16	+20	+9	+6	+5	+10
2. Homeownership	0	+1	+2	+7	+1	+1	+2	-2
B. Fuels and Other Utilities	+7	+9	+8	+4	+9	+9	+3	+10
1. Fuels	-3	-7	0	-6	-4	-4	-6	-6
2. Electricity	+14	+15	+15	+14	+15	+15	+14	+13
3. Natural Gas	-3	+10	+1	+2	+10	+22	0	+18
4. Other Utilities and Public Services	+12	+13	+11	0	+11	+2	0	+12
C. Household Furnishings and Operation	0	-1	+11	+13	+6	+5	0	+1
1. House Furnishings	+1	-3	+11	+7	+4	+2	+2	-4
2. Housekeeping Supplies	-5	+6	+13	+27	+9	+10	-6	+14
III. Apparel	+14%	+12%	+20%	+22%	+5%	+7%	+12%	+15%
A. Apparel Commodities	+14	+12	+22	+26	+5	+9	+13	+17
1. Mens Apparel	+6	+5	+34	+25	+3	+7	+22	+13
2. Boys Apparel	+12	+17	+23	+15	+11	+16	+15	+14
3. Womens Apparel	+22	+18	+16	+22	+2	+12	+6	+22
4. Girls Apparel	+6	+9	+3	+6	+8	+3	+8	+8
5. Footwear	+19	+13	+20	+46	+10	+6	+14	+18
B. Apparel Services	+12	+11	+11	+4	+6	-3	+3	+3
IV. Transportation	+14%	+8%	+9%	+13%	+10%	+7%	+9%	+11%
A. Auto Purchase	+24	+11	+10	+11	+14	+5	+7	+17
1. New Car	+12	+8	+11	+10	+9	+5	+12	+19
2. Used Car	+40	+15	+7	+12	+20	+4	+1	+15
B. Gasoline	+1	-3	+3	+12	-3	+3	+5	-3
C. Maintenance and Repair	+5	+5	+6	+10	+20	+9	+8	+21
D. Other Private Transportation	+19	+25	+20	+18	+23	+21	+21	+22
1. Commodities	+10	+6	-11	+13	-6	-1	-5	+7
2. Services	+22	+30	+29	+20	+31	+28	+29	+26
V. Other Goods and Services	+4%	+5%	+7%	+7%	+9%	+10%	+8%	+4%
A. Medical Care	+6	+10	+12	+9	+11	+11	+10	+11
1. Commodities	+10	+7	+11	+9	+5	+9	+8	+3
2. Services	+5	+10	+12	+9	+12	+12	+11	+13
B. Entertainment	0	-1	+1	+3	+6	+7	+7	-4
1. Commodities	-6	+1	-4	+2	0	+4	+5	-8
2. Services	+11	-3	+8	+5	+16	+12	+10	+2
C. Personal Care	+3	+3	+8	+11	+5	+9	+6	+2
1. Toilet Goods and Personal Care Appliances	+12	+1	+8	+10	+3	+12	+10	0
2. Personal Care Services	-5	+4	+7	+12	+7	+6	+3	+3
D. Personal and Educational Expenses	+32	+18	-4	+9	+22	+17	0	-3

Table 25
CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1981 OVER 1980

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+16%	+13%	+15%	+15%	+13%	+13%	+14%	+14%
I. Food and Beverages	+16%	+9%	+6%	+13%	+8%	+6%	+8%	+6%
A. Food	+17	+15r	+6	+13	+8	+6	+8	+6
1. Food At Home	+10	+14r	+6	+5	+2	+6	+4	+2
2. Food Away From Home	+31	+16	+7	+30	+21	+6	+17	+15
B. Alcoholic Beverages	+8	+8	+8	+8	+8	+8	+8	+8
II. Housing	+17%	+15%	+18%	+15%	+15%	+16%	+16%	+16%
A. Shelter	+17	+14	+19	+15	+15	+18	+15	+15
1. Rent	+11	+5	+14	+11	+12	+27	+13	+8
2. Homeownership	+18	+16	+21	+16	+16	+15	+16	+17
B. Fuels and Other Utilities	+12	+17	+11	+15	+15	+15	+24	+14
1. Fuels	+18	+29	+25	+26	+22	+23	+25	+24
2. Electricity	0	+20	+1	0	0	0	+1	+21
3. Natural Gas	+34	+22	+23	+21	+42	+19	+66	+6
4. Other Utilities and Public Services	+5	+1	+5	+21	+5	+23	+16	+4
C. Household Furnishings and Operation	+24	+16	+15	+13	+15	+9	[illegible]	+22
1. House Furnishings	+27	+20	+17	+18	+14	+10	+10	+22
2. Housekeeping Supplies	+15	+7	+11	-1	+17	+4	+9	+23
III. Apparel	+9%	+16%	+7%	+12%r	+17%	+6%r	+8%r	+8%
A. Apparel Commodities	+9	+18	+7	+12r	+18	[illegible]	+7	+8
1. Mens Apparel	+16	+35	0	+17	+19	+2	+3	+11
2. Boys Apparel	+13	+14	+7	+11	+15	+7	+14	+14
3. Womens Apparel	+4	+8	+17	+16r	+24r	+6	+11	+7
4. Girls Apparel	+15	+12	+4	-1	+5	0	0	+12
5. Footwear	+5	+12	+2	+4	+14	+14	+5	+2
B. Apparel Services	+5	+3	+6	+7	+8	+11	+11	+10
IV. Transportation	+11%	+13%	+15%	+15%	+15%	+12%	+15%	+18%
A. Auto Purchase	+17	+21	+25	+29	+25	+20	+27	+31
1. New Car	+19	+19	+32	+29	+21	+24	+27	+23
2. Used Car	+14	+23	+15	+28	+31	+14	+27	+43
B. Gasoline	+8	+10	+8	+6	+10	+2	+5	+12
C. Maintenance and Repair	+3	0	-1	-2	+3	+10	+9	-5
D. Other Private Transportation	+7	+7	+10	+5	+9	+10	+8	+8
1. Commodities	-1	+1	+13	-11	+10	+14	+4	+2
2. Services	+10	+9	+9	+9	+9	+9	+9	+9
V. Other Goods and Services	+22%	+13%	+23%	+21%	+11%	+14%	+21%	+13%
A. Medical Care	+19	+10	+13	+11	+9	+10	+7	+10
1. Commodities	+10	+9	+13	+9	+4	+13	+8	+8
2. Services	+20	+10	+13	+12	+10	+9	+7	+11
B. Entertainment	+35	+19	+42	+40	+13	+28	+49	+20
1. Commodities	+54	+24	+69	+65	+20	+48	+81	+30
2. Services	+7	+11	+3	+2	+4	-2	+1	+4
C. Personal Care	+9	+11	+9	+6	+12	+2	+2	+5
1. Toilet Goods and Personal Care Appliances	+4	+12	+8	+1	+7	+7	-3	+12
2. Personal Care Services	+13	+10	+11	+10	+16	-2	+7	-1
D. Personal and Educational Expenses	-9	-6	+15	+15	+14	-22	+4	+15

r = revised

Table 26

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1980 OVER 1979

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+9%	+11%	+7%	+10%r	+12%	+6%	+9%	+11%
I. Food and Beverages	+4%	+5%	+6%	+10%	+5%	+8%	+7%	+11%
A. Food	+4	+5	+6	+11	+5	+8	+7	+12
1. Food At Home	+8	+6	+12	+12	+6	+13	+12	+12
2. Food Away From Home	-7	+2	-7	+8	+2	-1	-4	+12
B. Alcoholic Beverages	+4	+4	+4	+4	+4	+4	+4	+4
II. Housing	+9%	+11%	+7%	+10%r	+12%	+2%	+7%	+9%
A. Shelter	+9	+11	+6	+9r	+13	0	+7	+9
1. Rent	+11	+19	+10	+14	+24	-15	+9	+16
2. Homeownership	+9	+9	+5	+8r	+11	+3	+7	+7
B. Fuels and Other Utilities	+13	+13	+12	+13	+12	+9	+6	+14
1. Fuels	+31	+28	+22	+25	+18	+22	+21	+34
2. Electricity	+15	+7	+15	+15	+15	+16	+15	+7
3. Natural Gas	+12	+23	+12	+14	+19	+2	-11	+26
4. Other Utilities and Public Services	0	+1	0	+1	-2	0	-2	0
C. Household Furnishings and Operation	+5	+8	+6	+10	+4	+8	+7	+2
1. House Furnishings	+6	+2	+3	+3	+3	+7	+3	+1
2. Housekeeping Supplies	+4	+25	+15	+30	+8	+12	+18	+4
III. Apparel	-1%	-1%	-2%	-1%	+8%	+3%	+1%	+7%
A. Apparel Commodities	-2	-4	-3	-3	+7	+2	-1	+7
1. Mens Apparel	+4	-10	-6	-8	+15	-2	-5	+8
2. Boys Apparel	+8	-4	+5	+14	+7	+7	+13	+5
3. Womens Apparel	-12	-2	-9	-5	+1	+3	-6	+7
4. Girls Apparel	+4	+3	+14	+26	+11	+19	+5	+8
5. Footwear	+1	0	+2	-10	+6	-6	+6	+5
B. Apparel Services	+10	+15	+10	+14	+15	+11	+14	+7
IV. Transportation	+15%	+13%	+11%	+16%	+16%	+13%	+17%	+11%
A. Auto Purchase	+3	+3	+2	+9	+9	+5	+11	-1
1. New Car	+10	+10	+5	+10	+13	+9	+8	+7
2. Used Car	-8	-8	-2	+9	+3	-2	+16	-15
B. Gasoline	+34	+33	+27	+33	+34	+31	+35	+32
C. Maintenance and Repair	+23	+14	+12	+10	+13	+5	+5	+6
D. Other Private Transportation	+4	0	+4	+4	+1	+2	+4	+1
1. Commodities	+18	+1	+16	+17	+3	+10	+18	+3
2. Services	0	0	0	0	0	0	0	0
V. Other Goods and Services	+10%	+21%	6%	+6%	+19%	+11%	+7%	+23%
A. Medical Care	+10	+20	+9	+11	+17	+10	+14	+12
1. Commodities	+8	+12	-5	+4	+6	-1	-3	+7
2. Services	+11	+21	+11	+12	+19	+12	+17	+13
B. Entertainment	+14	+27	+4	+2	+28	+13	0	+39
1. Commodities	+17	+43	+1	-5	+45	+11	-11	+62
2. Services	+9	+5	+8	+12	+3	+16	+16	+7
C. Personal Care	0	+6	+4	+4	+4	+8	+6	+15
1. Toilet Goods and Personal Care Appliances	+2	+6	+9	+6	+7	+10	+6	+6
2. Personal Care Services	-2	+6	+1	+2	+1	+7	+6	+23
D. Personal and Educational Expenses	+4	+22	-6	-8	-1	+3	-4	+18

r = revised

Table 27

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1979 OVER 1978

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+11%	+10%	+12%	+10%	+12%	+15%	+10%	+13%
I. Food and Beverages	+9%	+12%	+9%	+8%	+9%	+7%	+5%	+12%
A. Food	+9	+12	+9	+8	+9	+8	+5	+13
1. Food At Home	+10	+15	+4	+5	+9	+4	+5	+11
2. Food Away From Home	+6	+6	+21	+16	+8	+16	+4	+17
B. Alcoholic Beverages	+6	+6	+6	+6	+6	+6	+6	+6
II. Housing	+9%	+7%	+11%	+8%	+12%	+15%	+9%	+13%
A. Shelter	+9	+7	+10	+7	+11	+15	+9	+14
1. Rent	+9	+6	-5	-5	-5	+13	-4	+9
2. Homeownership	+9	+7	+13	+10	+15	+16	+12	+15
B. Fuels and Other Utilities	+20	+13	+20	+20	+22	+19	+14	+12
1. Fuels	+65	+61	+66	+65	+75	+72	+68	+56
2. Electricity	+16	+17	+16	+16	+16	+16	+16	+12
3. Natural Gas	+19	+6	+22	+24	+13	+10	0	+4
4. Other Utilities and Public Services	+4	-6	+3	+4	+12	+4	-3	0
C. Household Furnishings and Operation	0	0	+6	+5	+4	+10	+8	+10
1. House Furnishings	-2	0	+6	+6	+5	+11	+8	+11
2. Housekeeping Supplies	+6	0	+6	+1	+3	+7	+8	+7
III. Apparel	+14%	+10%	+11%	+7%	+5%	+9%	+11%	+8%
A. Apparel Commodities	+13	+9	+9	+6	+4	+8	+11	+8
1. Mens Apparel	-1	-1	+3	+2	+2	+9	+10	-2
2. Boys Apparel	+8	+3	+4	+5	-2	+3	-2	-3
3. Womens Apparel	+21	+16	+14	+1	+1	+5	+15	+10
4. Girls Apparel	+8	+8	+10	-1	+6	+1	+9	+4
5. Footwear	+28	+17	+14	+28	+15	+19	+11	+26
B. Apparel Services	+21	+15	+23	+10	+11	+16	+13	+15
IV. Transportation	+19%	+16%	+18%	+16%	+19%	+24%	+14%	+20%
A. Auto Purchase	+13	+5	+8	+5	+12	+22	+3	+13
1. New Car	+10	+10	+9	+7	+14	+10	+9	+6
2. Used Car	+17	-3	+6	+3	+9	+41	-5	+22
B. Gasoline	+40	+41	+41	+39	+41	+42	+40	+44
C. Maintenance and Repair	+3	+13	+12	+5	+15	+6	+2	+10
D. Other Private Transportation	+14	+12	+16	+16	+10	+12	+10	+12
1. Commodities	+5	+15	+8	+11	+4	+14	-1	+9
2. Services	+16	+11	+18	+17	+11	+11	+13	+12
V. Other Goods and Services	+10%	+10%	+10%	+15%	+12%	+15%	+14%	+6%
A. Medical Care	+8	+6	+11	+17	+11	+11	+12	+8
1. Commodities	+11	+1	+17	+25	+14	+14	+20	+13
2. Services	+7	+6	+10	+15	+11	+11	+11	+7
B. Entertainment	+9	+12	+11	+14	+14	+17	+14	+1
1. Commodities	+9	+16	+18	+16	+20	+24	+19	-3
2. Services	+8	+7	+1	+9	+6	+6	+8	+7
C. Personal Care	+18	+15	+4	+10	+8	+18	+14	+8
1. Toilet Goods and Personal Care Appliances	+27	+18	+10	+16	+25	+17	+20	+23
2. Personal Care Services	+10	+13	0	+4	-6	+19	+10	-4
D. Personal and Educational Expenses	+26	+24	+24	+36	+33	+50	+41	+19

Table 28

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1978 OVER 1977

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+6%	+10%	+8%	+8%	+8%	+7%	+10%	+5%
I. Food and Beverages	+7%	+6%	+5%	+11%	+14%	+12%	+8%	+7%
A. Food	+7	+6	+5	+12	+14	+12	+9	+7
1. Food At Home	+10	+8	+12	+12	+13	+13	+12	+11
2. Food Away From Home	+2	+4	-12	+11	+18	+11	+1	-1
B. Alcoholic Beverages	+4	+4	+4	+4	+4	+4	+4	+4
II. Housing	+6%	+10%	+8%	+8%	+6%	+7%	+9%	+3%
A. Shelter	+8	+9	+10	+9	+7	+8	+11	+3
1. Rent	+8	+9	+14	+7	+13	+3	+15	+2
2. Homeownership	+8	+9	+9	+10	+6	+9	+10	+3
B. Fuels and Other Utilities	-2	+16	+5	+6	0	+3	+1	+3
1. Fuels	+3	+4	+8	+5	+4	+2	+5	+3
2. Electricity	+1	+16	0	+1	0	0	-1	+14
3. Natural Gas	-25	+16	+24	+23	-14	+9	-1	-5
4. Other Utilities and Public Services	+7	+19	-1	0	+5	+2	+1	-1
C. Household Furnishings and Operation	+3	+7	+2	+5	+9	+7	+7	+3
1. House Furnishings	+2	+9	+2	+7	+10	+8	+8	+2
2. Housekeeping Supplies	+7	+4	+3	-1	+5	+2	+6	+6
III. Apparel	+4%	+8%	+12%	+5%	+7%	+11%	+19%	+6%
A. Apparel Commodities	+3	+7	+12	+4	+6	+12	+19	+5
1. Mens Apparel	+3	+2	+13	+2	-2	+14	+24	+6
2. Boys Apparel	+3	+6	+17	+3	+10	+4	+23	+1
3. Womens Apparel	+3	+9	+9	+6	+10	+11	+13	+3
4. Girls Apparel	-1	+21	+15	+9	+22	+5	+4	+33
5. Footwear	+3	+5	+14	-1	+5	+16	+33	-2
B. Apparel Services	+11	+16	+11	+18	+12	+10	+13	+13
IV. Transportation	+7%	+12%	+10%	+7%	+7%	+4%	+12%	+9%
A. Auto Purchase	+12	+23	+16	+11	+13	0	+16	+11
1. New Car	+8	+6	+8	+10	+5	+6	+11	+11
2. Used Car	+17	+39	+30	+14	+27	-9	+22	+11
B. Gasoline	+4	+4	+8	+4	+3	+3	+4	+2
C. Maintenance and Repair	+4	+9	+14	+11	+9	+10	+12	+13
D. Other Private Transportation	0	0	-4	-3	-3	+13	+13	+11
1. Commodities	-4	+2	+2	0	+4	-9	+3	-2
2. Services	+2	-1	-5	-4	-4	+18	+16	+14
V. Other Goods and Services	+8%	+13%	+8%	+7%	+4%	+2%	+5%	+7%
A. Medical Care	+11	+12	+7	+11	+6	+4	+9	+8
1. Commodities	+9	+12	+13	+7	0	+3	+1	-5
2. Services	+12	+12	+6	+12	+7	+4	+10	+10
B. Entertainment	+2	+15	+9	+1	-2	-2	0	+6
1. Commodities	-3	+13	+5	+1	-6	-8	-6	+7
2. Services	+10	+18	+13	+2	+6	+7	+8	+4
C. Personal Care	+13	+12	+9	+8	+11	+8	+9	+8
1. Toilet Goods and Personal Care Appliances	+8	+7	+8	+12	+8	+12	+12	0
2. Personal Care Services	+17	+16	+10	+4	+13	+5	+7	+14
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available

Table 29

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1977 OVER 1976

Category or Subcategory	Metropolitan Areas: Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+8%	+7%	+9%	+7%	+5%	+8%	+5%	+10%
I. Food and Beverages	+6%	+6%	+11%	+7%	+3%	+9%	+7%	+9%
A. Food	+7	+6	+13	+8	+4	+11	+8	+10
1. Food At Home	+8	+6	+8	+7	+6	+11	+7	+10
2. Food Away From Home	+3	+8	+35	+13	-7	+11	+9	+14
B. Alcoholic Beverages	+1	+1	+1	+1	+1	+1	+1	+1
II. Housing	+10%	+7%	+8%	+6%	+8%	+8%	+6%	+9%
A. Shelter	+13	+7	+6	+4	+5	+5	+4	+7
1. Rent	+15	+4	+6	+6	+16	+3	+11	+4
2. Homeownership	+12	+8	+7	+3	+2	+6	+2	+8
B. Fuels and Other Utilities	+11	+11	+11	+9	+24	+23	+13	+21
1. Fuels	+18	+18	+17	+17	+15	+14	+18	+18
2. Electricity	+7	-4	+10	+7	+8	+9	+8	0
3. Natural Gas	+12	+17	+2	0	+59	+58	+14	+56
4. Other Utilities and Public Services	+10	+12	+16	+16	+8	+7	+12	+7
C. Household Furnishings and Operation	+2	+5	+10	+9	+4	+2	+6	+6
1. House Furnishings	+1	+4	+10	+9	+2	+1	+6	+5
2. Housekeeping Supplies	+5	+10	+8	+11	+12	+5	+6	+8
III. Apparel	+15%	+7%	+8%	+17%	+6%	+11%	+3%	+13%
A. Apparel Commodities	+15	+6	+8	+17	+6	+11	+1	+13
1. Mens Apparel	+18	+12	+27	+32	+6	+21	+12	+30
2. Boys Apparel	+14	+12	+12	+12	+9	+38	+7	+14
3. Womens Apparel	+18	-2	-4	+11	+1	+1	-10	+1
4. Girls Apparel	+14	+10	+7	+9	+12	+2	0	+16
5. Footwear	+8	+10	+3	+13	+10	+9	+5	+11
B. Apparel Services	+6	+10	+15	+18	+5	+15	+16	+12
IV. Transportation	+3%	+5%	+2%	+3%	+1%	+4%	-1%	+9%
A. Auto Purchase	-2	+8	0	+1	-4	0	-7	+11
1. New Car	+3	+12	+6	+7	+7	+12	+6	+11
2. Used Car	-6	+5	-5	-5	-14	-11	-17	+10
B. Gasoline	+4	+7	+4	+6	+7	+8	+2	+8
C. Maintenance and Repair	+3	-4	-8	-1	+6	+7	0	+3
D. Other Private Transportation	+9	+4	+5	+5	+2	+6	+4	+9
1. Commodities	+16	0	+12	+7	+2	+12	+9	+21
2. Services	+7	+4	+3	+4	+2	+4	+2	+6
V. Other Goods and Services	+5%	+10%	+13%	+6%	+5%	+5%	+6%	+10%
A. Medical Care	+8	+11	+22	+5	+4	+4	+5	+6
1. Commodities	+5	+11	+3	+10	+18	+9	+4	+26
2. Services	+9	+11	+25	+4	+3	+4	+5	+4
B. Entertainment	+1	+11	+4	+7	+4	+7	+11	+18
1. Commodities	+1	+29	-1	+10	-9	+2	+19	+31
2. Services	+1	0	+7	+5	+12	+10	+5	+10
C. Personal Care	+3	+7	+5	+7	+6	+6	+4	+10
1. Toilet Goods and Personal Care Appliances	+2	+3	+5	+4	+9	+1	+1	+11
2. Personal Care Services	+5	+10	+5	+10	+2	+11	+7	+9
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available

Table 30

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1976 OVER 1975

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+4%	+4%	+5%	+4%	+7%	+6%	+8%	+5%
I. Food and Beverages	0%	-1%	+3%	+2%	+1%	0%	0%	+2%
A. Food	0	-1	+3	+2	+1	0	0	+2
1. Food At Home	0	-1	+3	+2	+2	0	0	+2
2. Food Away From Home	NA	NA	NA	NA	NA	NA	NA	NA
B. Alcoholic Beverages	+2	+2	+2	+2	+2	+2	+2	+2
II. Housing	+3%	+2%	+5%	+1%	+4%	+5%	+6%	+5%
A. Shelter	0	0	0	-1	+1	+1	0	+6
1. Rent	+8	+1	-3	+6	+2	-2	+6	+6
2. Homeownership	-3	-1	+1	-3	+1	+2	-2	+6
B. Fuels and Other Utilities	+8	+3	+13	+13	+10	+9	+23	+2
1. Fuels	+4	+1	+5	+3	+6	+4	+3	+3
2. Electricity	+28	0	+26	+26	+30	+28	+27	0
3. Natural Gas	0	+6	+21	+18	0	0	+42	0
4. Other Utilities and Public Services	+1	+4	0	+2	+2	+3	+16	+5
C. Household Furnishings and Operation	+8	+7	+16	0	+10	+14	+11	+3
1. House Furnishings	+9	+10	+21	-1	+13	+17	+12	+3
2. Housekeeping Supplies	+3	-5	0	+3	-4	+5	+4	+4
III. Apparel	+7%	+20%	+5%	+9%	+12%	+14%	+15%	0%
A. Apparel Commodities	+7	+22	+5	+9	+13	+15	+15	-1
1. Mens Apparel	+13	+31	+20	-1	+26	+12	-3	-13
2. Boys Apparel	+5	+4	+8	+9	+22	+3	+8	+21
3. Womens Apparel	-1	+31	-12	+6	+2	+22	+30	-6
4. Girls Apparel	+8	+8	+9	+14	+17	+41	+30	+10
5. Footwear	+17	+3	+16	+29	+12	-4	+4	+10
B. Apparel Services	+7	+5	+2	+6	+5	+5	+16	+12
IV. Transportation	+3%	+3%	+5%	+7%	+12%	+11%	+16%	+6%
A. Auto Purchase	+8	0	+12	+8	+21	+17	+32	+11
1. New Car	+7	0	+14	+11	+8	+6	+7	+5
2. Used Car	+9	0	+11	+5	+33	+27	+57	+16
B. Gasoline	+1	-1	-1	+1	+2	+5	+4	-2
C. Maintenance and Repair	+1	+28	+13	+27	+8	+18	+22	+18
D. Other Private Transportation	+1	+4	-1	+4	+12	+7	+6	+6
1. Commodities	+6	+4	-12	+19	+3	+19	+16	+15
2. Services	-1	+3	+2	0	+14	+3	+3	+3
V. Other Goods and Services	+9%	+3%	+2%	+8%	+13%	+10%	+16%	+9%
A. Medical Care	+10	+5	+2	+10	+14	+11	+19	+11
1. Commodities	+3	+12	-2	-4	0	+12	+22	-4
2. Services	+11	+4	+2	+12	+16	+11	+19	+13
B. Entertainment	+5	0	+2	+3	+7	+13	+10	+9
1. Commodities	0	-24	+8	-6	+5	+24	+14	+4
2. Services	+9	+14	-1	+8	+8	+7	+7	+12
C. Personal Care	+12	+1	0	+11	+17	+4	+16	+7
1. Toilet Goods and Personal Care Appliances	+3	-1	+2	-1	-2	0	+10	0
2. Personal Care Services	+22	+4	-2	+24	+37	+9	+23	+15
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available

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UNIVERSITY OF VIRGINIA
THE COLGATE DARDEN GRADUATE SCHOOL OF BUSINESS ADMINISTRATION
Tayloe Murphy Institute

Consumer Price Indicators for Virginia Metropolitan Areas, 1983

Eleanor G. May

October 1983

Preface

In 1975, the Tayloe Murphy Institute added to its regular studies an annual one on the relative cost of living in Virginia metropolitan areas, with the hope that it might present sufficiently reliable data to be useful to individuals, government agencies, and businesses in Virginia. The present study is the ninth in the continuing series on relative price levels for Virginia metropolitan areas. This report presents the findings of the 1983 study, plus all the earlier data, with a few revisions.

That the results are useful has been evident from the response received regularly since the publication of the 1975 data. Questions about the cost of living and how to use consumer price data are received by the Tayloe Murphy Institute from many sources with increasing frequency. These requests for assistance more often than not can be satisfied through the use of these Virginia data.

The 1983 study, like the previous studies, was under the general supervision of Eleanor G. May, Research Director, Business Studies Center. The major aspects of the project this year, including organization and supervision of the field work, as well as working with the computer processing of the data and the preparation of the tables were the responsibility of Nancy C. Bertram and David W. Sheatsley, Research Assistants of the Tayloe Murphy Institute. Assistance was supplied to the project by Linda M. Beaulieu, a teacher in the Fluvanna County School System. The field research was conducted by Karen E. Bankard, Linda M. Beaulieu, Nancy C. Bertram, Clark M. Brittain, Nancy A. Flick, Stan Lanier, Susan Owen, and Teresa A. Williamson. Joan Vaclavicek typed the manuscript and prepared many of the forms and other materials used in the survey. Barry A. Jackson was responsible for the graphics.

We are grateful for the assistance of the business and professional people in Virginia who supplied us with the data for the survey, without which accomplishment of the project would have been impossible.

John L. Knapp
Acting Director
Tayloe Murphy Institute

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1. Relative Consumer Price Indices, Eight Virginia Metropolitan Areas: 1975-1983 5

I. Introduction

This publication reports on the ninth annual study of consumer prices, conducted by the Tayloe Murphy Institute of The Colgate Darden Graduate School of Business Administration of the University of Virginia. Prices were measured in the summer of 1983 for a market basket of items, a market basket that was comparable with the ones used for the earlier studies. From these item prices, relative item price indices were calculated for each of the geographic areas covered.

Although the geographic areas included in the 1983 study are the same as those covered in previous years, with only minor exceptions, designations of the areas have changed. On June 30, 1983, new definitions for Standard Metropolitan Statistical Areas (SMSAs) went into effect with the SMSA designation being changed to Metropolitan Statistical Areas (MSAs). In addition, geographic area changes were made involving three MSAs in Virginia. The Lynchburg MSA was redefined to exclude Appomattox County, the Roanoke MSA was redefined to exclude Craig County, and Stafford County was added to the Virginia portion of the Washington-Arlington DC-MD-VA Metropolitan Statistical Area. These inclusions and exclusions of areas to existing MSAs are reflected in the data contained in this report.

In addition to these area redefinitions, two new MSAs were created by combining areas of four SMSAs. The Richmond SMSA and the Petersburg-Colonial Heights-Hopewell SMSA were combined to form the Richmond-Petersburg MSA. Similarly, the Norfolk-Virginia Beach-Portsmouth SMSA and the Newport News-Hampton SMSA were combined to form the Norfolk-Virginia Beach-Newport News MSA. Although these metropolitan areas have been combined, the 1983 Tayloe Murphy

Institute study of consumer prices, and presumably subsequent consumer price studies, will continue to provide data based on the previous definitions of the metropolitan areas.

Therefore, the geographic areas covered in this study include: the Metropolitan Statistical Areas of Charlottesville, Lynchburg, and Roanoke, the Northern Virginia portion of the Washington-Arlington DC-MD-VA Metropolitan Statistical area, and the metropolitan areas of Newport News-Hampton, Norfolk-Virginia Beach-Portsmouth, Petersburg-Colonial Heights-Hopewell, and Richmond.[1]

The Virginia portion of the Johnson City-Kingsport-Bristol TN-VA MSA was excluded, because the major part of this area is in Tennessee rather than in Virginia. Also, the Danville area was not covered because it was named an SMSA in 1981, after the initiation of the Tayloe Murphy Institute study.

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[1]Charlottesville MSA = Charlottesville city and Albemarle, Fluvanna, and Greene Counties.

Lynchburg MSA = Lynchburg city and Amherst and Campbell Counties.

Newport News-Hampton Area = Hampton, Newport News, Poquoson, and Williamsburg cities and Gloucester, James City, and York Counties (part of Norfolk-Virginia Beach-Newport News MSA).

Norfolk-Virginia Beach-Portsmouth Area = Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach cities (part of Norfolk-Virginia Beach-Newport News MSA).

Northern Virginia Area = Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, Prince William and Stafford Counties; excludes Maryland and District of Columbia parts of the Washington-Arlington DC-MD-VA MSA.

Petersburg-Colonial Heights-Hopewell Area = Colonial Heights, Hopewell, and Petersburg cities and Dinwiddie and Prince George Counties (part of Richmond-Petersburg MSA).

Richmond Area = Richmond city and Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan Counties (part of Richmond-Petersburg MSA).

Roanoke MSA = Roanoke and Salem cities and Botetourt and Roanoke Counties.

From the item price indices, category and total relative price indices were computed for each geographic area. Also, indexes of change were calculated which describe the year-to-year changes in consumer prices for each of the eight metropolitan areas, that is, the increase, or decrease, in prices for mid-1983 compared with mid-1982, and for each of the prior 12-month periods to mid-1976 compared with mid-1975.

As this study shows and as other price indicator surveys show, there are variations in consumer price indicators among different areas. These variations are the result of many factors. The primary reason, obviously, is the variations in the prices paid by residents of the areas for their consumer expenditures, that is for their "market basket" of the goods and services acquired to satisfy their needs and wants.

Prices vary from one location to another as a result of a number of factors. One cause of the variation is the cost of the raw materials required to produce the good or service the consumer is acquiring, such as, differences between the cost of energy produced from locally-acquired coal and the cost of energy produced from imported oil, or differences between the cost of fresh fruits or vegetables in the Southern states and the cost of these items in the Northern tier of the United States. Another cause of price variation among several areas is the cost of transporting the good or service to the market area, for example, the cost of coal in Southwestern Virginia where mines are located, compared with the cost of coal in Northern Virginia. Still another factor is the result of the variation in demand for the product, such as, the cost of land in heavily urbanized areas compared with the cost of land in less densely populated areas. Land cost is not only a direct component of housing costs but also an indirect component of most other costs. The differences among land costs appear to be the major single cause of regional

variations.

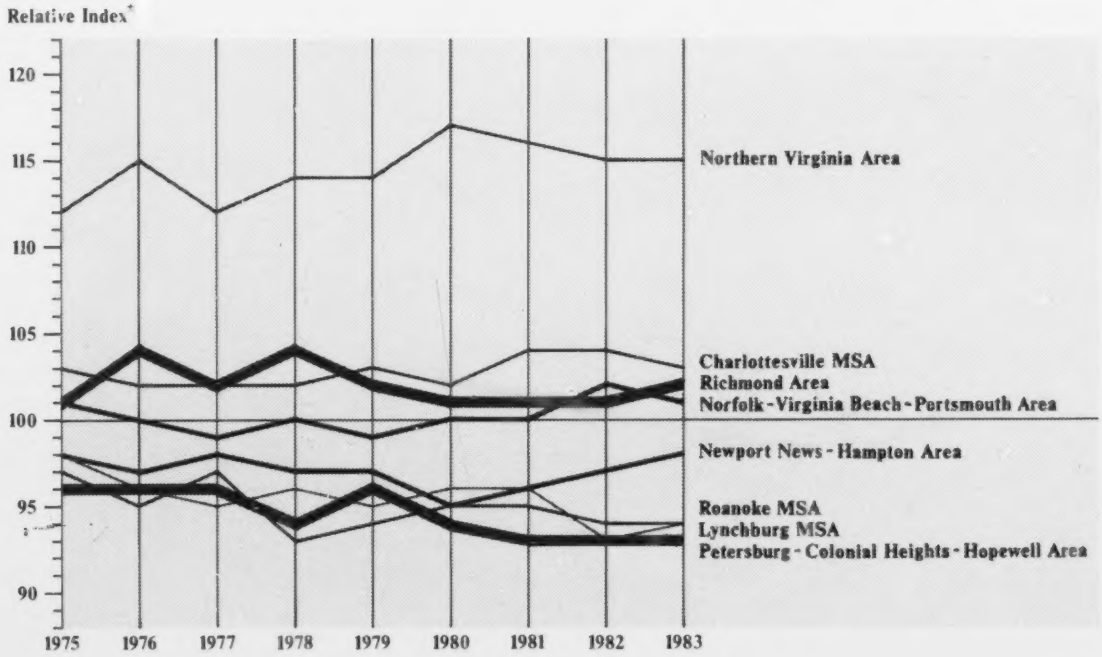
Differing local costs of doing business probably have the second largest impact on consumer costs. Payroll costs, an important component of the costs of operating a business which must be considered when determining the retail price of the finished product or service, can differ markedly among the various areas, not only because of different pay rates but also because of productivity differences.

This Tayloe Murphy Institute study of prices in Virginia, as is common to most studies of living costs, estimates the differences among the areas by measuring differences in the prices paid by consumers. The objective of a study of consumer price levels is to measure differences in the cost of living among various groups of consumers, those in different geographic areas, different income classes, different family composition, and so forth. Variations in the standards of living of the consumers, however, are not so fully considered in such studies as a "cost of living" study would suggest. Therefore, it should be kept in mind that the indices presented here do not reflect completely the differing life styles that exist among the various locations studied. Rather, because of the procedures used in this project, adapted from those used by the United States Bureau of Labor Statistics in developing consumer price indicators, the data reported here do include some life style differentials, along with observed variations in consumer prices.

II. Relative Price Indices

Based on the 1983 survey results, the Northern Virginia portion of the Washington-Arlington DC-MD-VA Metropolitan Statistical Area, when compared with the other seven Virginia areas studied, continued to have the highest level of consumer prices. This relationship has held true in each of the prior eight studies by the Tayloe Murphy Institute. (See Chart 1 and Table 1.) The Northern Virginia figure, 115, which far outreached all others, was followed by the Charlottesville MSA with 103, the Richmond area with 102, and the Norfolk-

Chart 1
Relative Consumer Price Indices
Eight Virginia Metropolitan Areas, 1975-1983



* Average for eight areas = 100%; 120 = 20% above average and 90 = 10% below average.

Virginia Beach-Portsmouth area with 101. Four areas had below average indicators: the Newport News-Hampton Area at 98, the Lynchburg MSA and the Roanoke MSA at 94, and the Petersburg-Colonial Heights-Hopewell area at 93.

The positions held by each of the eight areas in relation to each other have held quite steady over the nine years studied by the Tayloe Murphy Institute. Northern Virginia has consistently had the highest indicator, by a wide margin. Although the index for Northern Virginia declined slightly between 1980 and 1982, from 117 to 115, the Northern Virginia area still far out distanced the other seven areas. Roanoke, Petersburg-Colonial Heights-Hopewell, and Lynchburg usually have experienced the lowest figures, while Newport News-Hampton also has tended to be lower than average. The Norfolk-Virginia Beach-Portsmouth area has typically been close to the average. The Richmond and Charlottesville areas have consistently been slightly above the average.

It is evident that, in each of the nine years, a pattern has appeared in

Table 1

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1975-1983

	1975	1976	1977	1978	1979	1980	1981	1982	1983
Charlottesville MSA.....	103	102	102	102	103	102	104	104	103
Lynchburg MSA.....	98	96	95	96	95	96	96	93r	94
Newport News-Hampton Area....	98	97	98	97	97	95	96	97	98
Norfolk-Virginia Beach-Portsmouth Area.....	101	100	99	100	99	100	100	102r	101
Northern Virginia portion of the Washington-Arlington DC-MD-VA MSA.....	112	115	112	114	114	117	116	115	115
Petersburg-Colonial Heights-Hopewell Area.....	96	96	96	94	96	94	93	93r	93
Richmond Area.....	101	104	102	104	102	101	101	101	102
Roanoke MSA.....	97	95	97	93	94	95	95	94	94

r = revised

which the more heavily populated areas experienced the higher levels of consumer prices, while the less heavily populated areas had the lower levels. This correlation occurred whether the areas were measured by population, personal income, or retail sales. (See Table 2.) Northern Virginia, the largest on all of these dimensions, had the highest consumer price indicators; the lower indicators were in the smaller areas: Lynchburg, Petersburg-Colonial Heights-Hopewell, and Roanoke.

The exception to this pattern is Charlottesville, the area included in this survey, which only in 1981 became an SMSA. In each of the nine years, higher than average costs have been observed in the Charlottesville area, even though the area has the smallest population and total personal income, and

Table 2

POPULATION, INCOME, AND SALES DATA
EIGHT VIRGINIA METROPOLITAN AREAS

	Population[1]	Total Personal Income[2]	Retail Sales[3]
Charlottesville MSA	114,600	$ 1,086,400,000	$ 514,177,000
Lynchburg MSA	154,400	1,355,800,000	619,276,000
Newport News-Hampton Area	370,800	3,574,500,000	1,581,253,000
Norfolk-Virginia Beach-Portsmouth Area	809,100	7,935,700,000	3,259,405,000
Northern Virginia portion of the Washington-Arlington-DC-MD-VA MSA	1,140,500	17,030,200,000	5,441,342,000
Petersburg-Colonial Heights-Hopewell Area	129,700	1,200,300,000	430,816,000
Richmond Area	645,400	7,466,400,000	3,252,191,000
Roanoke MSA	227,200	2,236,500,000	1,123,485,000

[1]1981 data, Estimates of the Population of Virginia Counties and Cities: July 1, 1981 (Provisional), Julia H. Martin and Michael A. Spar, Tayloe Murphy Institute, August 1982.

[2]1981 data, Local Area Personal Income, 1976-81, Southeast Region, United States Department of Commerce, Bureau of Economic Analysis, June 1983.

[3]1982 data, Retail Sales in Virginia, 1982, Eleanor G. May and David W. Sheatsley, Tayloe Murphy Institute, May 1983.

nearly the lowest retail sales, among the eight areas studied.

Population-correlated consumer price levels perhaps can be explained by considering two factors that probably vary according to the size of the location. The first factor is real estate costs, which typically is higher in the more densely populated areas, and lower in the less populated areas. As is seen when the categories of expenses are considered, shelter is 37% more costly in Northern Virginia than the average for all eight areas, while Petersburg-Colonial Heights-Hopewell is 17% lower, Roanoke is 14% lower, and Lynchburg is 13% lower. (See Table 3.) Furthermore, it must be remembered that real estate costs affects not only housing but also most other items included in the market basket, because real estate costs is a component of the cost structure of virtually all goods and services production and distribution. Thus the real estate cost differential for the more densely populated areas impacts all items in the market basket.

Conversely, the amount and degree of competition can affect prices of many items. More heavily populated areas typically have more outlets in which consumers can shop for the goods and services making up the market basket. A greater number of outlets and therefore a wider variety of outlets frequently will produce more price competition, usually resulting in a tendency toward lower prices. However, broader competition appears to have a less depressing effect on prices than real estate costs has on increasing the prices of goods and services. Only the Charlottesville area did not follow the pattern that could be expected when these two factors are considered.

The relative price indices shown in Table 1 were composed of five categories of items that were priced: Food and Beverages, Housing, Apparel, Transportation, and Other Goods and Services. Each of the five categories was comprised of a varying number of subcategories, the subcategories usually containing a varying number of items. A sample of prices for each individual

Table 3

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1983
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	*Roanoke
Total	103	94	98	101	115	93	102	94
I. Food and Beverages	107	96	99	98	113	90	100	97
A. Food	107	96	99	98	114	89	100	97
1. Food At Home	101	97	101	100	105	98	101	98
a. Cereal and Bakery Products	99	93	99	101	105	101	102	100
(1) Cereal and Cereal Products	122	88	91	94	107	98	100	100
(2) Bakery Products	91	95	102	104	105	102	103	99
b. Meats, Poultry, Fish, and Eggs	101	101	103	100	102	98	100	96
(1) Meats	101	100	104	100	102	98	99	95
(a) Beef	99	102	110	98	99	101	99	91
(b) Pork	101	99	98	103	104	97	99	99
(c) Other Meats	108	97	98	99	109	92	96	100
(2) Poultry	102	110	98	101	95	90	105	101
(3) Fish and Seafood	102	97	102	99	102	99	100	100
(4) Eggs	99	98	99	97	110	100	100	96
c. Dairy Products	102	98	102	101	94	100	100	103
d. Fruits and Vegetables	105	101	95	92	106	97	98	106
(1) Fresh Fruits and Vegetables	105	105	93	88	107	95	98	109
(a) Fresh Fruits	107	100	103	85	103	96	99	106
(b) Fresh Vegetables	103	109	83	91	110	95	97	112
(2) Processed Fruits and Vegetables	105	97	98	96	106	98	99	102
(a) Processed Fruits	104	96	96	98	104	99	103	100
(b) Processed Vegetables	106	98	99	93	108	97	94	105
e. Sugar and Sweets	101	95	99	101	107	99	99	99
f. Fats and Oils	105	91	97	99	109	101	104	94
g. Nonalcoholic Beverages	92	94	110	109	111	92	105	87
h. Miscellaneous Prepared Foods	103	90	98	95	116	100	102	96
2. Food Away From Home	122	93	93	95	134	70	100	94
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	105	90	98	104	125	89	100	90
A. Shelter	105	87	98	104	137	83	98	86
1. Rent	106	81	93	108	162	71	100	78
2. Homeownership	104	90	100	102	126	89	98	91
B. Fuels and Other Utilities	108	91	98	104	106	98	104	91
1. Fuels	104	104	98	100	103	101	99	92
2. Electricity	108	83	105	106	106	104	105	82
3. Natural Gas	108	96	92	96	103	93	106	106
4. Other Utilities and Public Services	111	85	97	111	112	93	104	88
C. Household Furnishings and Operation	99	96	97	100	109	97	102	99
1. House Furnishings	98	93	99	104	108	93	107	98
a. Textiles	94	94	107	114	100	89	106	95
b. Furniture	99	80	98	100	125	83	109	105
c. Appliances	89	95	103	107	99	107	104	95
d. Television and Sound Equipment	107	110	92	100	94	102	97	99
e. Other Household Equipment	97	98	97	103	104	97	111	93
2. Housekeeping Supplies	102	104	94	91	110	107	91	101

Table 3 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1983
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	100	101	106	107	87	103	98
A. Apparel Commodities	100	102	100	103	107	86	103	98
1. Mens Apparel	96	106	104	109	106	77	103	97
2. Boys Apparel	100	92	99	100	100	99	110	99
3. Womens Apparel	102	105	98	102	108	91	101	94
4. Girls Apparel	97	96	102	103	106	90	104	102
5. Footwear	104	98	96	98	112	84	104	105
B. Apparel Services	93	86	108	119	104	91	105	94
IV. Transportation	102	97	99	100	101	101	104	96
A. Auto Purchase	104	94	93	103	98	102	107	99
1. New Car	101	97	101	100	97	102	100	102
2. Used Car	107	90	84	107	NA	102	114	96
B. Gasoline	102	101	104	99	100	99	103	92
C. Maintenance and Repair	96	94	109	99	112	92	102	96
D. Other Private Transportation	102	98	98	95	104	107	103	93
1. Commodities	97	94	98	112	106	101	94	97
2. Services	104	98	98	91	103	108	105	92
V. Other Goods and Services	97	96	97	100	114	96	102	98
A. Medical Care	96	96	94	103	120	95	99	98
1. Commodities	98	102	94	94	106	106	95	106
a. Prescription Drugs	95	99	95	88	106	111	93	113
b. Over-the-Counter Items	101	105	92	100	107	100	97	98
2. Services	95	95	94	104	123	93	100	97
a. Professional Services	95	91	102	101	123	96	99	93
(1) Physicians Services	94	92	99	98	138	96	101	84
(2) Dental Services	96	87	106	106	109	96	97	104
(3) Eye Exam and Eyeglasses	97	102	102	98	110	98	95	96
b. Other Services	96	98	88	107	122	90	101	99
B. Entertainment	96	96	99	98	107	98	107	98
1. Commodities	96	97	100	98	103	97	114	95
2. Services	96	95	98	98	114	100	97	103
C. Personal Care	108	94	104	99	105	95	100	96
1. Toilet Goods and Personal Care Appliances	108	98	101	96	101	104	95	97
2. Personal Care Services	107	91	106	102	108	88	104	95
D. Personal and Educational Expenses	87	98	95	90	136	85	104	105

item was collected in each of the eight metropolitan areas. (A listing of each item priced, with category and subcategory combinations indicated, can be found in Table 15 in the Appendix.)

The item price data were combined to produce the subcategory price indicators, the subcategories to category price indicators, and the category into the total indices by using weights adapted from the United States Bureau of Labor Statistics weighting procedures developed for all urban consumers. A description of the weighting procedure used can be obtained from the Tayloe Murphy Institute.

The indices for the five categories, the subcategories, and for many items for each of the eight metropolitan areas for 1983 are shown in Table 3. Indices for earlier years are included in Tables 16 through 23 in the Appendix. The data in the Appendix reflect a few revisions over those published in prior years, resulting from methodological improvements as well as a few corrections to the earlier data. These revisions, however, had virtually no effect either on the interrelationships among the indices for the eight metropolitan areas or on the interrelationships among the indices for the five categories.

As would be expected, wider variations appeared among the category indicators than among the total indicators, and even wider ones in some subcategories. The lowest relative indices were all observed in Petersburg-Colonial Heights-Hopewell: Food Away From Home at 70, 30% below the average for the eight areas, Rent at 71, 29% below the average, and Mens Apparel at 77, 23% below the average.

Rent was the subcategory with the widest range, from 71 in Petersburg-Colonial Heights-Hopewell to 162 in the Northern Virginia area. In other words, typical rental charge for a two bedroom apartment (the item priced) in Northern Virginia was more than double that observed in Petersburg-Colonial H ights-Hopewell and also was 62% above the average for the eight areas

combined.

The subcategory which was second to Rent in range of prices was Food Away From Home. Northern Virginia had the highest prices for Food Away From Home, at 34% above the average, a position that Northern Virginia has held nearly every year of this study. Of the other indices that were 125 or higher, all were recorded in Northern Virginia: Physicians Services at 138, Personal and Educational Expenses at 136, Homeowners[illegible] at 126, and Furniture at 125. The overall high consumer prices in Northern Virginia were further evidenced by there being only 7 of the 80 categories, subcategories, and items shown in Table 3 in which Northern Virginia's position was below that of the average for the eight areas. Furthermore, three of these seven indices were in the Food subcategory, a grouping which was 14% ahead of the eight area average in Northern Virginia in 1983.

The Food subcategory ranged from 114 in Northern Virginia to 89 in Petersburg-Colonial Heights-Hopewell.

The lowest relative figure for the Housing category was in Petersburg-Colonial Heights-Hopewell at 89, followed closely by Lynchburg and Roanoke at 90. The highest relative figure was in Northern Virginia, 125.

Apparel costs were lowest in Petersburg-Colonial Heights-Hopewell, by 13%, the highest in Northern Virginia, by 7%.

Transportation varied only very narrowly among the eight areas studied, from 96 in Roanoke to 104 in Richmond.

Other Goods and Services is comprised of Medical Care, Entertainment, Personal Care, and Personal and Educational Expenses. Relative Medical Care costs varied from 20% above the average in Northern Virginia to 6% below the average in the Newport News-Hampton area. The high figure for Entertainment was 107 in both Richmond and Northern Virginia, as compared with a low of 96 in Charlottesville and Lynchburg. Personal Care costs were lowest in Lynchburg

at 94, and highest in Charlottesville at 108. The range in Personal and Educational Expenses (Legal Services are priced here as representative of this category) was from 85 in Petersburg-Colonial Heights-Hopewell to 136 in Northern Virginia.

III. Annual Price Level Changes

The average increase in consumer prices from mid-1982 to mid-1983 for the eight areas combined was 4%, compared with 5% in 1982 and 14% in 1981. (See Table 4.) All eight Virginia areas studied showed increases, but these increases were smaller than were observed last year in all areas except Lynchburg. Lynchburg's change in 1982, +3%, was the lowest of any of the eight areas.

The comparable figure for the total United States was +2.5%, a somewhat better figure than Virginia's +4%. (See Table 5.)

Overall consumer prices for the Virginia areas studied increased on average 4%, with the increases in each of the areas falling in a very narrow range,

Table 4

CHANGES IN CONSUMER PRICE LEVELS
EIGHT VIRGINIA METROPOLITAN AREAS: 1975-1983

	1976/1975	1977/1976	1978/1977	1979/1978	1980/1979	1981/1980	1982/1981	1983/1982
Charlottesville MSA.....	+4%	+8%	+6%	+11%	+9%	+16%	+6%	+3%
Lynchburg MSA.....	+4	+7	+10	+10	+11	+13r	+3r	+5
Newport News-Hampton Area...	+5	+9	+8	+12	+7	+15	+7	+5
Norfolk-Virginia Beach-Portsmouth Area.....	+4	+7	+8	+10	+10	+15	+7r	+4
Northern Virginia portion of the Washington-Arlington-DC-MD-VA MSA.....	+7	+5	+8	+12	+12	+13	+5	+4
Petersburg-Colonial Heights-Hopewell Area.....	+6	+8	+7	+15	+6	+13	+5r	+4
Richmond Area.....	+8	+5	+10	+10	+9	+14	+5	+5
Roanoke MSA.....	+5	+10	+5	+13	+11	+14	+5	+4
Average for Eight Areas.....	+5	+7	+6	+12	+9	+14	+5r	+4

r = revised

3% to 5%. Of the five categories of expenses, Food and Beverages on average increased at the same rate as did the total. The top increase in this category, 10%, was observed in both Lynchburg and Northern Virginia; Petersburg-Colonial Heights-Hopewell experienced a decrease of one percentage point.

The Housing category increased, on average among the eight areas, 3%. Newport News-Hampton had the top increase, 6%, while only a 1% increase was recorded in both Lynchburg and Petersburg-Colonial Heights-Hopewell.

The average increase for the Apparel category was 5.5%. The highest increases, 7%, were observed in both Newport News-Hampton and Richmond; the lowest was in Northern Virginia, 3%.

Of the five categories of prices, Transportation (along with Housing) had the lowest average increase, 3%. Furthermore two areas actually showed declines for this category: -1% in Northern Virginia and -3% in Roanoke. Petersburg-

Table 5

CHANGES IN CONSUMER PRICE LEVELS: UNITED STATES

Index: 1975 = 100	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
1975	100.0	100.0	100.0	100.0	100.0	100.0
1976	105.5	102.2	106.3	104.0	109.8	105.6
1977	112.6	109.3	114.1	108.8	117.0	111.3
1978	121.3	117.7	122.2	112.0	122.7	128.2
1979	135.3	129.2	137.4	116.6	142.5	138.3
1980	152.9	140.2	158.6	125.1	164.6	152.0
1981	169.4	151.1	178.3	131.2	185.2	166.4
1982	179.9	157.1	191.0	134.6	193.7	182.4
1983	184.4	159.6	194.1	138.4	197.2	197.4
1982/1983	+2.5%	+1.6%	+1.6%	+2.8%	+1.8%	+8.2%

Source: United States Bureau of Labor Statistics. Based on an average of the unadjusted Consumer Price Index for July and August for years shown.

Colonial Heights-Hopewell, however, experienced a 9% increase.

The Other Goods and Services category (Medical Care, Entertainment, Personal Care, and Personal and Educational Expenses) had the highest average increase in all areas. Roanoke had the highest increase of any of the areas, 15%, while Newport News-Hampton had the only single digit increase, 9%.

As in past years, the variations by category in the year-to-year changes for each of the eight Virginia metropolitan areas were larger than for the total United States. This wider variation is as would be expected when studying smaller areas in which local factors (e.g., work stoppages, shortages of raw materials, weather) can affect the area's economy to a greater degree than the larger national economy would be affected.

In the Charlottesville Metropolitan Statistical Area prices increased 3% in 1983, down from 16% in 1981 and 6% in 1982. (See Table 6.) The Charlottes-

Table 6

CHANGES IN CONSUMER PRICE LEVELS: CHARLOTTESVILLE*

Index: 1975 = 100	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
1975	100	100	100	100	100	100
1976	104	100	103	107	103	109
1977	112	106	113	123	106	114
1978	119	113	120	128	114	124
1979	132	124	131	146	135	136
1980	144	129	143	144	155	150
1981	167	149	167	157	172	182
1982	177	158	172r	179	197r	190r
1983	182	158	175	188	204	211
1982/1983	+3%	0%	+2%	+5%	+4%	+11%

*Metropolitan Statistical Area
r = revised

ville increase was the lowest in any of the eight areas studied.

The biggest category increase in 1983 in the Charlottesville area was for Other Goods and Services, 11%. Housing in the Charlottesville area increased by only 2%, similar to 1982, both of which years represented the smallest increases for Charlottesville since the survey began in 1975. Food and Beverages held even, Transportation was up 4%, and Apparel, 5%.

The Charlottesville area's consumer price level relative to the other areas continued to hold above average in 1983, at 103, second (but by a wide margin) to Northern Virginia among the areas studied.

Between 1982 and 1983 the Lynchburg Metropolitan Statistical Area experienced a 5% increase in consumer prices. (See Table 7.) The Lynchburg area's overall increase resulted from a +11% change for Other Goods and Services, +10% for Food and Beverages, +6% for Apparel, +4% for Transportation,

Table 7

CHANGES IN CONSUMER PRICE LEVELS: LYNCHBURG*

Index: 1975 = 100	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
1975	100	100	100	100	100	100
1976	104	99	102	120	103	103
1977	111	105	109	128	108	113
1978	122	111	120	139	121	128
1979	135	125	128	153	141	141
1980	149	131	143	151r	159	169r
1981	169	143	164	175r	179	191r
1982	174r	141r	167	196r	194r	201r
1983	183	155	169	208	202	223
1982/1983	+5%	+10%	+1%	+6%	+4%	+11%

*Metropolitan Statistical Area
r = revised

and +1% for Housing.

The Lynchburg area's prices in 1983, however, were 6% below the average for the eight areas studied, holding a position relative to the other seven areas similar to that observed in all prior eight years of the Tayloe Murphy Institute analysis.

The Newport News-Hampton area's total change in consumer prices between 1982 and 1983 was +5%. (See Table 8.) The category comprising Other Goods and Services led the increases in this area, as in all the areas, with a 9% increase. The Apparel category followed with an increase of 7%, Housing showed 6%, while Food and Beverages increased by only 4% and Transportation by 3%. The change in the Housing category in Newport News-Hampton was the highest of the eight areas covered.

The Newport News-Hampton area prices in total in 1983 relative to the other

Table 8

CHANGES IN CONSUMER PRICE LEVELS: NEWPORT NEWS-HAMPTON AREA

Index: 1975 = 100	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
1975	100	100	100	100	100	100
1976	105	103	105	105	105	102
1977	114	114	113	113	107	115
1978	124	120	122	127	118	124
1979	138	131	136	141	139	137
1980	148	139	145	138	154	145
1981	170	147	172	148	177	179
1982	182	156	182	177r	193	191r
1983	191	162	193	190	199	208
1983/1982	+5%	+4%	+6%	+7%	+3%	+9%

r = revised

areas studied were 2% below the average, a position similar to that held by the Newport News-Hampton area throughout the prior eight years studied in this analysis.

For the Norfolk-Virginia Beach-Portsmouth area, the change in consumer prices from 1982 to 1983 was +4%. (See Table 9.)

Other Goods and Services had an 11% increase in Norfolk-Virginia Beach-Portsmouth. Apparel was up 6%, Housing, 4%, Food and Beverages, 1%, and Transportation, 2%.

The Norfolk-Virginia Beach-Portsmouth area's consumer price level in 1983, 101 relative to the other areas, was slightly above average, continuing the pattern observed in the previous eight years of the Tayloe Murphy Institute study of usually being not more than one point above or below the mean.

The Northern Virginia portion of the Washington-Arlington DC-MD-VA

Table 9

CHANGES IN CONSUMER PRICE LEVELS: NORFOLK-VIRGINIA BEACH-PORTSMOUTH AREA

Index: 1975 = 100	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
1975	100	100	100	100	100	100
1976	104	102	101	109	107	108
1977	111	109	107	128	110	114
1978	120	121	116	134	118	122
1979	132	131	125	143	137	141
1980	145r	144	137r	142	159	149
1981	167r	163	158r	159r	182	181
1982	179r	158	172r	194r	197r	193r
1983	186	159	179	205	201	215
1983/1982	+4%	+1%	+4%	+6%	+2%	+11%

r = revised

Metropolitan Statistical Area experienced a 4% increase in consumer prices in 1983, after a 5% increase in 1982 and 12% increases in 1980 and 1981. (See Table 10.) The 1983 figure was the result of increases of 13% for the Other Goods and Services category, 10% for Food and Beverages, 3% for the Apparel category, 2% for Housing, and a decline of 1% in Transportation. For the second year in a row, the Apparel category increase for Northern Virginia was the lowest of any of the eight areas studied.

The Northern Virginia area's position relative to the other eight areas, 115 in 1983, continued the significantly higher pattern of prices than was recorded in any of the other seven areas.

The Petersburg-Colonial Heights-Hopewell area experienced a 4% increase overall between 1982 and 1983. (See Table 11.) The 1983 over 1982 change was led by the Other Goods and Services category, at 12%. The Transportation

Table 10

CHANGES IN CONSUMER PRICE LEVELS: NORTHERN VIRGINIA*

Index: 1975 = 100	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
1975	100	100	100	100	100	100
1976	107	101	104	112	112	113
1977	112	104	112	119	113	119
1978	121	119	119	127	121	123
1979	136	129	132r	133	144	138
1980	152	136	148r	144	167	164
1981	172	147	169r	169	192	183
1982	181	151	175r	177	211	199r
1983	188	166	179	188	209	225
1983/1982	+4%	+10%	+2%	+3%	-1%	+13%

*Northern Virginia portion of the Washington-Arlington DC-MD-VA MSA
r = revised

category showed an increase of +9%, while Housing showed an increase of only 1%, and Food and Beverages recorded a one point decline. Petersburg-Colonial Heights-Hopewell was the only area of the eight in which a decline appeared for Food and Beverages.

The Petersburg-Colonial Heights-Hopewell area's consumer price level in 1983, 93 relative to the other areas, was the lowest observed. This area either has held the lowest relative position or has been within two points of the lowest score in each of the prior eight years of this study.

The increase in consumer prices for 1982 to 1983 for the Richmond area was 5%. (See Table 12.) The increase from 1982 to 1983 for Richmond was caused by a 12% increase in the Other Goods and Services category, +7% for Apparel, +5% for Transportation, +4% for Housing, and +1% for the Food and Beverages category.

Table 11

CHANGES IN CONSUMER PRICE LEVELS: PETERSBURG-COLONIAL HEIGHTS-HOPEWELL AREA

Index: 1975 = 100	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
1975	100	100	100	100	100	100
1976	106	100	105	114	111	110
1977	114	109	113	127	115	116
1978	122	122	121	140	120	118
1979	141	131	140	153	149	135
1980	149	141	142	158	168	150
1981	169	150	165	169	188	171
1982	177r	151r	172r	182r	202r	189r
1983	184	150	173	190	220	211
1983/1982	+4%	-1%	+1%	+4%	+9%	+12%

r = revised

The Richmond area's position in 1983, 102 relative to the other areas, was just narrowly over the average, following a pattern similar to that observed in most of the other years of this Tayloe Murphy Institute analysis.

In 1983, the Roanoke Metropolitan Statistical Area experienced an increase in consumer prices of 4% as compared with 1982. (See Table 13.) The total index was led by the Other Goods and Services category increase of 15%, followed by Apparel at 6%, and Housing and Food and Beverages, both at +4%. The Transportation category in Roanoke declined by three percentage points in 1983.

The Roanoke area in 1983, as has been the case in previous years, recorded one of the lower positions relative to the other seven areas, 94, equal to Lynchburg, but slightly higher than Petersburg-Colonial Heights-Hopewell.

The changes in the consumer price indicators for each of the eight

Table 12

CHANGES IN CONSUMER PRICE LEVELS: RICHMOND*

Index: 1975 = 100	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
1975	100	100	100	100	100	100
1976	108	100	106	115	116	116
1977	113	107	112	118	115	123
1978	125	116	122	141	129	129
1979	137	121	133	156	147	147
1980	150	130	143	158	172	157
1981	171	140	166	171r	197	191
1982	179r	146	171	191r	215	206
1983	188	147	177	205	226	230
1982/1983	+5%	+1%	+4%	+7%	+5%	+12%

*Metropolitan Statistical Area
r = revised

Virginia metropolitan areas studied, for categories and subcategories and selected items, for 1983 over 1982 are shown in Table 14. Previous years' data, are shown in the Appendix in Table 24 through Table 30. The largest increases reported in these tables in 1983 for subcategories or items were in Natural Gas, up 36% in the Charlottesville area, 42% in the Richmond area, and 40% in the Roanoke area; Food Away from Home, up 31% in Lynchburg; Used Cars, up 31% in the Petersburg-Colonial Heights-Hopewell area; and Entertainment Commodities (comprising Tennis Rackets, Badminton Sets, and Car Stereos) which increased at least 22% in the eight areas, with a top increase of 48% in Richmond.

The number of items or subcategories, for which decreases in average costs were evident in Tables 14 and 24 through 30, increased significantly between 1982 and 1983, after a similar increase from 1981 to 1982. In 1983 percentage

Table 13

CHANGES IN CONSUMER PRICE LEVELS: ROANOKE*

Index: 1975 = 100	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
1975	100	100	100	100	100	100
1976	105	102	105	100	106	109
1977	116	111	114	113	116	120
1978	121	119	118	120	126	128
1979	137	133	133	129	151	136
1980	152	148	145	138	168	167
1981	173	157	168	149	198	189
1982	182	160	172r	172r	220	197
1983	189	166	179	182	213	226
1983/1982	+4%	+4%	+4%	+6%	-3%	+15%

*Metropolitan Statistical Area
r = revised

Table 14

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1983 OVER 1982

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+3%	+5%	+5%	+4%	+4%	+4%	+5%	+4%
I. Food and Beverages	0%	+10%	+4%	+1%	+10%	-1%	+1%	+4%
A. Food	0	+10	+4	+1	+10	-2	0	+4
1. Food At Home	0	0	+1	+1	+4	0	+1	0
2. Food Away From Home	+1	+31	+10	+2	+24	-5	-2	+14
B. Alcoholic Beverages	+3	+3	+3	+3	+3	+3	+3	+3
II. Housing	+2%	+1%	+6%	+4%	+2%	+1%	+4%	+4%
A. Shelter	-3	-4	+9	+3	-1	-2	0	0
1. Rent	-1	+3	+20	+18	+3	+4	+8	+3
2. Homeownership	-5	-8	+4	-4	-3	-5	-4	-1
B. Fuels and Other Utilities	+11	+6	+4	+8	+6	+2	+3	+9
1. Fuels	-5	-6	-18	-11	-8	-9	-2	-13
2. Electricity	+3	-2	+3	+3	+3	+3	+3	-2
3. Natural Gas	+36	+12	+19	+20	+24	+1	+42	+40
4. Other Utilities and Public Services	+6	+19	+7	+17	+3	+10	+20	+10
C. Household Furnishings and Operation	+10	+14	-1	+2	+9	+8	+7	+11
1. House Furnishings	+2	+9	-2	+4	+8	+2	+7	+15
2. Housekeeping Supplies	+29	+26	0	-3	+13	+22	+9	+1
III. Apparel	+5%	+6%	+7%	+6%	+3%	+4%	+7%	+6%
A. Apparel Commodities	+4	+7	+7	+5	+3	+4	+7	+5
1. Mens Apparel	+6	+14	+9	+12	0	+2	+1	+7
2. Boys Apparel	+6	-1	+2	+2	-3	+6	+3	+9
3. Womens Apparel	+4	+3	+8	+5	+6	+6	+15	+1
4. Girls Apparel	-1	-4	+1	+1	-1	-5	+2	+4
5. Footwear	+4	+11	+5	-3	+5	+4	+4	+8
B. Apparel Services	+9	+2	+7	+13	+6	+3	+6	+8
IV. Transportation	+4%	+4%	+3%	+2%	-1 %	+9%	+5%	-3%
A. Auto Purchase	+11	+10	+8	+8	+5	+24	+14	+4
1. New Car	+15	+14	+11	+8	+6	+19	+9	+9
2. Used Car	+7	+6	+4	+7	NA	+31	+19	-3
B. Gasoline	-5	-3	-1	-5	-5	-4	-3	-12
C. Maintenance and Repair	+7	+10	+14	+8	-3	-2	+6	+3
D. Other Private Transportation	-3	-2	-9	-2	-6	-2	-6	-9
1. Commodities	-7	-5	0	+13	+9	+1	0	-4
2. Services	-2	-1	-11	-5	-10	-3	-8	-10
V. Other Goods and Services	+11%	+11%	+9%	+11%	+13%	+12%	+12%	+15%
A. Medical Care	+7	+10	+1	+7	+9	+8	+5	+12
1. Commodities	+6	+11	+1	+3	+18	+8	+7	+24
2. Services	+7	+10	+1	+7	+8	+8	+5	+10
B. Entertainment	+17	+18	+21	+26	+25	+23	+28	+23
1. Commodities	+29	+22	+31	+40	+40	+33	+48	+30
2. Services	0	+12	+7	+7	+4	+9	-1	+14
C. Personal Care	+13	+2	+9	-2	-3	+3	+2	+11
1. Toilet Goods and Personal Care Appliances	+3	+4	+3	0	+2	-4	+2	0
2. Personal Care Services	+22	0	+14	-4	-7	+9	+3	+19
D. Personal and Educational Expenses	-12	-10	+12	-16	+18	-6	+10	+2

NA = Not available

declines occurred in 59 of the 240 items or subcategories shown in Table 14, as compared with 35 in 1982 and 16 in 1981. Declines appeared most frequently in the Housing and Transportation categories, particularly Fuels (Housing) and Gasoline (Transportation), costs which declined in all eight areas. Declines also were consistently seen in Transportation Services (Auto Insurance, Registration, and Operators Permit). Furthermore, Homeownership, an item which carries a weight of nearly 16% and therefore has a significant impact on the total indices, declined three points on average and showed negative figures in all areas except Newport News-Hampton.

Another category experiencing a sizable percentage decline was Personal and Educational Expenses (Legal Services) which were down 12% in Charlottesville, 10% in Lynchburg, 16% in Norfolk-Virginia Beach-Portsmouth, and 6% in Petersburg.

Appendix Tables

Consumer Price Index Weights

Relative Consumer Price Indices, 1975-1982

Changes in Price Levels, 1975-1982

Table 15

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
Total	100.000	100.000
1. Food and Beverages	20.069	20.069
A. Food At Home	12.867	12.867
1. Cereals and Bakery Products	1.700	1.700
a. Cereal	0.202	0.202
(1) Corn Flakes		0.101
(2) Rolled Oats		0.101
b. Rice	0.124	0.124
c. Flour	0.107	0.107
d. Bakery Products	1.267	1.267
(1) White Bread[1]	0.358	0.612
(2) Bread, other than White[1]	0.124	
(3) Fresh Biscuits, Rolls, Muffins[1]	0.130	
(4) Sweet Rolls, Coffee Cake, Doughnuts[2]	0.137	
(5) Crackers, Stuffing, Bread Crumbs, Cracker Meal[2]	0.085	
(a) Crackers[2]		0.111
(b) Cracker Meal[2]		0.111
(6) Cookies[3]	0.166	0.433
(7) Fresh Pie, Tart, Turnover, Frozen Bakery Products[3]	0.116	
(8) Fresh Cake and Cupcakes[3]	0.150	
2. Meats, Poultry, Fish, and Eggs	4.216	4.216
a. Meats	3.219	3.219
(1) Beef	1.694	1.694
(a) Hamburger	0.449	0.728
(b) Chuck Roast	0.207	0.336
(c) Rib Roast		0.281
(d) Round Roast	0.173	
(e) Round Steak[4]	0.105	0.349
(f) Sirloin Steak[4]	0.110	
(g) Other Beef	0.650	
(2) Pork	0.986	0.986
(a) Bacon	0.188	0.234
(b) Pork Chops	0.203	0.253
(c) Whole Ham	0.169	0.210
(d) Canned Ham	0.090	0.177
(e) Pork Sausage	0.142	0.112
(f) Other Pork	0.194	0.000
(3) Other Meats	0.538	0.538
(a) Frankfurters	0.132	0.253
(b) Bologna, Liverwurst, Salami	0.118	0.285
(c) Other Lunchmeats	0.188	0.000
(d) Lamb and Organ Meats	0.099	0.000
(e) Unpriced Items	0.002	0.000
b. Poultry	0.384	0.384
(1) Fresh Whole Chicken	0.149	0.384
(2) Fresh or Frozen Chicken Parts	0.128	
(3) Other Poultry	0.108	
c. Fish and Seafood	0.423	0.423
(1) Canned Fish and Seafood	0.155	0.155
(a) Canned Tuna		0.052
(b) Canned Salmon		0.052
(c) Canned Sardines		0.051
(2) Fresh or Frozen Fish	0.268	0.268
(a) Perch Fillets, Frozen		0.134
(b) Haddock Fillets, Frozen		0.134
d. Eggs	0.190	0.190

Table 15 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
3. Dairy Products	1.699	1.699
a. Fresh Milk and Cream	0.965	0.965
(1) Fresh Whole Milk	0.702	0.702
(2) Cream and Fresh Milk, Other Than Whole Milk	0.262	0.262
b. Other Dairy Products	0.735	0.734
(1) Butter	0.088	0.088
(2) Cheese	0.364	0.364
(3) Ice Cream	0.184	0.184
(4) Evaporated Milk	0.098	0.098
4. Fruits and Vegetables	1.860	1.860
a. Fresh Fruits	0.465	0.465
(1) Apples	0.088	0.166
(2) Bananas	0.056	0.105
(3) Oranges	0.104	0.194
(4) Other Fresh Fruits	0.216	0.000
b. Fresh Vegetables	0.490	0.490
(1) White Potatoes	0.099	0.049
(2) Sweet Potatoes		0.049
(3) Lettuce	0.110	0.110
(4) Tomatoes	0.069	0.069
(5) Other Fresh Vegetables	0.213	0.213
(a) Green Beans		0.043
(b) Cabbage		0.043
(c) Carrots		0.043
(d) Celery		0.042
(e) Onions		0.042
c. Processed Fruits	0.459	0.459
(1) Frozen Fruit and Fruit Juices	0.127	0.204
(a) Frozen Orange Juice		0.102
(b) Frozen Lemonade		0.102
(2) Fruit Juices, other than Frozen	0.174	0.000
(3) Canned and Dried Fruits	0.158	0.255
(a) Canned Peaches		0.127
(b) Canned Fruit Cocktail		0.128
d. Processed Vegetables	0.446	0.446
(1) Frozen Vegetables	0.123	0.123
(a) Frozen Peas		0.030
(b) Frozen Green Beans		0.031
(c) Frozen Broccoli		0.031
(d) Frozen Fried Potatoes		0.031
(2) Canned Cut Corn	0.111	0.111
(3) Other Canned and Dried Vegetables	0.212	0.212
(a) Canned Tomatoes		0.053
(b) Canned Peas		0.053
(c) Canned Sliced Beets		0.053
(d) Dried Navy Beans		0.053
5. Sugar and Other Sweets	0.491	0.491
a. Sugar and Artificial Sweeteners	0.140	0.140
b. Candy	0.232	0.232
c. Jelly	0.119	0.119
6. Fats and Oils	0.348	0.348
a. Margarine	0.095	0.095
b. Lard, Shortening, Oil, Mayonnaise, Salad Dressing	0.173	0.173
(1) Cooking Oil		0.058
(2) Shortening		0.058
(3) Salad Dressing		0.057
c. Peanut Butter	0.080	0.080
7. Nonalcoholic Beverages	1.409	1.409
a. Cola Drinks[5]	0.567	0.868
b. Dietary Carbonated Drinks[5]	0.301	
c. Ground Coffee	0.137	0.137
d. Instant Coffee	0.141	0.141
e. Tea Bags	0.263	0.263

Table 15 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
8. Miscellaneous Prepared Foods	1.143	1.143
a. Tomato Soup	0.107	0.247
b. Baby Food	0.177	0.408
c. Snacks	0.212	0.488
(1) Potato Chips		0.163
(2) Corn Chips		0.163
(3) Popcorn		0.162
d. Seasonings, Spices, Pickles, Relishes	0.122	0.000
e. Other Condiments	0.185	0.000
f. Frozen Prepared Foods	0.177	0.000
g. Other Canned, Packaged Prepared Foods	0.164	0.000
B. Food Away From Home	6.097	6.097
1. Lunch	1.962	2.879
2. Dinner	2.193	3.218
3. Breakfast and Brunch	1.165	0.000
4. Unpriced Items	0.777	0.000
C. Alcoholic Beverages	1.106	1.106
1. Whiskey and Wine	0.324	1.106
a. Whiskey	0.186	0.000
b. Wine	0.138	0.000
2. Beer and Ale	0.412	0.000
3. Other Alcoholic Beverages	0.105	0.000
4. Alcoholic Beverages Away From Home	0.210	0.000
5. Unpriced Items	0.054	0.000
II. Housing	37.721	39.114
A. Shelter	21.339	23.515
1. Rent of Dwelling[6]	6.029	7.639
2. Other Rental Costs	0.904	
a. Lodging While Out of Town[6]	0.574	
b. Tenants Insurance[7]	0.082	
c. Unpriced Items[6]	0.248	
3. Homeownership		15.876
a. Home Purchase		6.910
b. Mortgage Interest Cost		6.827
c. Property Insurance[7]		0.431
d. Property Taxes		1.129
e. Maintenance and Repair Services	0.284	0.313
(1) Repainting		0.313
f. Maintenance and Repair Commodities	0.242	0.266
(1) Exterior Paint	0.131	0.266
(2) Lumber, Paneling, Awning, Glass, Black Top, Masonry Materials	0.010	
(3) Plumbing and Electrical Supplies	0.010	
(4) Miscellaneous Supplies and Equipment	0.061	
(5) Unpriced Items	0.030	
4. Homeowners' Costs	13.881	
a. Owners' Equivalent Rent	13.490	
b. Household Insurance	0.391	
B. Fuels and Other Utilities	8.377	9.231
1. Fuels	1.552	1.710
a. Fuel Oil[8]	1.340	1.710
b. Coal, Bottled or Tank Gas[8]	0.202	
c. Unpriced Items[8]	0.010	

Table 15 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
2. Electricity	2.588	2.852
3. Natural Gas	2.074	2.285
4. Other Utilities	2.163	2.384
a. Telephone	1.487	1.792
b. Water and Sewage Maintenance	0.491	0.592
c. Community Antenna or Cable TV	0.058	0.000
d. Garbage and Trash Collection	0.119	0.000
e. Unpriced Items	0.008	0.000
C. Household Furnishings and Operation	8.005	6.368
1. House Furnishings	4.091	4.508
a. Textiles	0.574	0.633
(1) Household Linen	0.284	0.315
(a) Top Sheet		0.157
(b) Blanket		0.158
(2) Curtains	0.289	0.318
(3) Unpriced Items	0.002	0.000
b. Furniture	1.300	1.432
(1) Bedroom Furniture	0.415	0.457
(a) Box Spring and Mattress		0.229
(b) Bedroom Suite[9]		0.228
(2) Living Room Suite[9]	0.491	0.541
(a) Sofa[9]	0.233	
(b) Living Room Tables and Chairs[9]	0.258	
(3) Dining Room Suite	0.394	0.434
c. Appliances	0.542	0.597
(1) Refrigerator	0.111	0.177
(2) Washing Machine	0.074	0.119
(3) Toaster	0.188	0.301
(4) Stove, Dishwasher, Floor Cleaning Equipment, Sewing Machine	0.163	0.000
(5) Unpriced Items	0.006	0.000
d. Television, Radio, and Sound Equipment	0.666	0.734
(1) Television	0.295	0.325
(a) Black and White Television		0.162
(b) Color Television		0.163
(2) Phonograph	0.371	0.409
e. Other Household Equipment	1.009	1.112
(1) Carpet	0.207	0.618
(2) Clock Radio	0.165	0.494
(3) Tableware, Non-Electric Cooking and Kitchenware	0.324	0.000
(4) Lawn and Garden Equipment, Power Tools	0.204	0.000
(5) Unpriced Items	0.109	0.000
2. Housekeeping Supplies	1.686	1.860
a. Detergent	0.355	0.548
b. Liquid Bleach	0.275	0.424
c. Toilet Tissue	0.272	0.420
d. Furniture Polish	0.302	0.468
e. Lawn and Garden Supplies	0.248	0.000
f. Stationery Supplies	0.235	0.000
3. Housekeeping Services	2.228	0.000
III. Apparel and Upkeep	5.205	5.399
A. Apparel Commodities	4.422	4.587
1. Mens Apparel	1.142	1.414
a. Mens Suit, Year-Round	0.302	0.378
b. Mens Topcoat	0.099	0.123

Table 15 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
c. Mens Undershorts, Sweater, Pajamas	0.255	0.321
(1) Undershorts		0.107
(2) Sweater		0.107
(3) Pajamas		0.107
d. Mens Dress Shirt	0.211	0.265
e. Mens Slacks	0.260	0.327
f. Unpriced Items	0.016	0.000
2. Boys Apparel	0.292	0.359
a. Boys Coats, Jackets, Sweaters, Shirts	0.094	0.120
(1) Coat and Jacket		0.040
(2) Sweater		0.040
(3) Sport Shirt		0.040
b. Boys Underwear, Nightwear, Hosiery, Accessories	0.056	0.072
(1) Boys Underpants		0.036
(2) Boys Pajamas		0.036
c. Boys Trousers	0.128	0.167
d. Unpriced Items	0.014	0.000
3. Womens Apparel	1.309	1.625
a. Womens Coats, All Weather	0.147	0.202
b. Womens Dress	0.277	0.377
c. Womens Separates and Sportswear	0.282	0.384
(1) Sweater		0.128
(2) Blouse		0.128
(3) Slacks		0.128
d. Womens Sleepwear, Undergarments, Hosiery	0.390	0.532
(1) Brassiere		0.133
(2) Panties		0.133
(3) Nightgown		0.133
(4) Hosiery		0.133
e. Womens Purse	0.096	0.130
f. Womens Suit	0.117	0.000
4. Girls Apparel	0.283	0.349
a. Girls Jackets	0.096	0.124
b. Girls Separates and Sportswear	0.108	0.132
(1) Sweater		0.033
(2) Skirt		0.033
(3) Blouse		0.033
(4) Slacks		0.033
c. Girls Underwear, Sleepwear, Hose, Accessories	0.074	0.093
(1) Panties		0.031
(2) Socks		0.031
(3) Pajamas and Nightgown		0.031
d. Unpriced Items	0.005	0.000
5. Infants and Toddlers Apparel	0.117	0.000
6. Footwear	0.678	0.840
a. Mens Street Shoes	0.225	0.279
b. Boys and Girls Footwear	0.178	0.221
(1) Boys Sneakers		0.073
(2) Boys Dress Shoes		0.073
(3) Girls Street Shoes		0.075
c. Womens Dress and Street Shoes	0.275	0.340
7. Sewing Materials and Notions	0.158	0.000
8. Jewelry and Luggage	0.444	0.000
B. Apparel Services	0.783	0.812
1. Laundry and Dry Cleaning[10]	0.521	0.812
2. Apparel and Jewelry Repair[10]	0.262	

Table 15 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
IV. Transportation	21.791	22.593
A. Private Transportation	20.250	22.593
1. Auto Purchase	7.992	10.007
a. New Car, Truck, Motorcycle[11]	3.936	5.481
(1) New Auto, Full-Size		1.827
(2) New Auto, Mid-Size		1.827
(3) New Auto, Compact		1.827
b. Used Car	4.056	4.526
2. Gasoline	6.294	7.023
a. Gasoline	6.191	6.908
b. Motor Oil	0.103	0.115
3. Maintenance and Repair	1.707	1.904
a. Maintenance and Servicing	0.630	1.194
(1) Tune-Up		0.597
(2) Lubrication		0.597
b. Front-End Alignment	0.375	0.710
c. Body Work	0.244	0.000
d. Power Plant Repair	0.459	0.000
4. Other Private Transportation	4.258	3.659
a. Commodities	0.643	0.717
(1) Tires	0.460	0.513
(2) Parts and Equipment	0.183	0.204
(a) Battery		0.068
(b) Spark Plugs		0.068
(c) Oil Filter		0.068
b. Services	3.615	2.942
(1) Auto Insurance	1.929	2.152
(2) State Registration	0.601	0.670
(3) Local Registration	0.052	0.058
(4) Operators Permit	0.056	0.062
(5) Vehicle Finance Charges[11]	0.978	
(6) Vehicle Inspection	0.019	0.000
(7) Car and Truck Rental	0.288	0.000
(8) Unpriced Items	0.045	0.000
B. Public Transportation	1.541	0.000
V. Other Goods and Services	15.215	12.825
A. Medical Care	5.995	6.218
1. Medical Care Commodities	0.873	0.905
a. Prescription Drugs	0.462	0.479
(1) Ataraxics, Relaxants, Hypnotics	0.079	0.158
(a) Sedatives		0.079
(b) Tranquilizers		0.079
(2) Anti-Infective Drugs	0.090	0.178
(3) Analgesics	0.075	0.143
(4) Hormones, Diabetic Drugs, Biologicals, Prescription Supplies	0.089	0.000
(5) Circulatories and Diuretics	0.057	0.000
(6) Dietary Supplements, Uppers, Respiratory Agents	0.072	0.000
b. Over-the-Counter Items	0.514	0.426
(1) Internal and Respiratory Drugs	0.301	0.426
(a) Multiple Vitamins		0.142
(b) Pain Relievers		0.142
(c) Cough Syrup		0.142
(2) Nonprescription Medical Equipment and Supplies	0.110	0.000
(3) Eyeglasses[12]	0.103	0.000

Table 15 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
2. Medical Care Services	5.019	5.313
a. Professional Services	2.272	2.463
(1) Physicians Services	1.145	1.208
(a) M.D. Office Visit		0.302
(b) Tonsillectomy Fee		0.302
(c) Herniorrhaphy Fee		0.302
(d) Obstetrical Fee		0.302
(2) Dental Services	0.832	0.879
(a) Dental Filling		0.439
(b) Tooth Cleaning		0.440
(3) Eye Examination[12]	0.255	0.376
(4) Unpriced Items	0.041	0.000
b. Other Medical Care Services	2.748	2.850
(1) Hospital Room	0.225	0.233
(2) Other Hospital and Medical Care Services	0.251	0.263
(a) Operating Room		0.131
(b) X-Ray Series		0.132
(3) Health Insurance	2.270	2.354
(4) Unpriced Items	0.002	0.000
B. Entertainment	4.206	4.361
1. Entertainment Commodities	2.485	2.576
a. Sporting Goods and Equipment	0.666	0.968
(1) Tennis Racket		0.484
(2) Badminton Set		0.484
b. Reading Materials	0.712	0.000
c. Toys, Hobbies, Other Entertainment	1.107	1.608
(1) Car Stereo		1.608
2. Entertainment Services	1.721	1.785
a. Admissions, Fees, and Other Entertainment Services	0.287	1.785
(1) Movie Admission		0.892
(2) Bowling		0.893
C. Personal Care	1.857	1.925
1. Toilet Goods and Personal Care Appliances	0.850	0.881
a. Shampoo	0.227	0.235
b. Dental and Shaving Products	0.178	0.184
(1) Toothpaste		0.092
(2) Shaving Cream		0.092
c. Cosmetics and Other Toilet Goods	0.259	0.462
(1) Toilet Soap		0.154
(2) Tissues		0.154
(3) Deodorant		0.154
2. Personal Care Services	1.007	1.044
a. Beauty Shop Services		0.712
b. Mens Haircut		0.332
D. Personal and Educational Expenses	1.770	0.321
1. Legal Services	0.309	0.321
a. Will		0.080
b. Divorce		0.080
c. Adoption		0.080
d. House Closing		0.081
2. School Books and Supplies[13]	0.220	0.000
3. Tuition and Other School Fees[13]	1.240	0.000
E. Tobacco Products[13]	1.387	0.000

Table 15 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

*Source: "Relative Importance of CPI Items," unpublished data from United States Department of Labor, Bureau of Labor Statistics

Note: 0.000 indicates that the item was not priced in the Virginia survey, and the United States weight was prorated throughout the relevant subcategory.

A blank space for the Virginia Survey Weights indicates that the item was not priced in the Virginia survey; the USBLS weights in these instances were assigned to similar products or services.

[1] In the Virginia survey, the Consumer Price Index weights for Bread, other than White, and for Fresh Biscuits, Rolls, and Muffins, neither of which was priced for Virginia, were combined with the weight for White Bread.

[2] In the Virginia survey, Crackers and Cracker Meal were each assigned half the combined Consumer Price Index weights for the Crackers, Stuffing, Bread Crumbs, Cracker Meal subcategory and the Sweet Rolls, Coffee Cake, Doughnuts subcategory.

[3] In the Virginia survey, the Consumer Price Index weights for Fresh Pie, Tart, Turnover, Frozen Bakery Products and for Fresh Cake and Cupcakes, neither of which was priced for Virginia, were combined with the weight for Cookies.

[4] In the Virginia survey, the Consumer Price Index weight for Sirloin Steak, which was not priced for Virginia, was combined with the weight for Round Steak.

[5] In the Virginia survey, the Consumer Price Index weight for Dietary Carbonated Drinks, which was not priced for Virginia, was combined with the weight for Cola Drinks.

[6] In the Virginia survey, the Consumer Price Index weights for Lodging While Out Of Town, which was not priced for Virginia, and for Unpriced Items [Other Rental Costs] were included with the weight of Rent of Dwelling.

[7] In the Virginia survey, the Consumer Price Index weight for Tenants Insurance, which was not priced for Virginia, was included with the weight for Property Insurance.

[8] In the Virginia survey, the Consumer Price Index weights for Coal, Bottled or Tank Gas, which was not priced for Virginia, and for Unpriced Items [Fuels] were combined with the weight for Fuel Oil.

[9] In the Virginia survey, the Consumer Price Index weights for Sofa and for Living Room Tables and Chairs were combined and assigned to Living Room Suite.

[10] In the Virginia survey, the weight for Laundry and Dry Cleaning includes the Consumer Price Index weight for Apparel and Jewelry Repair, a service which was not priced for Virginia.

[11] In the Virginia survey, the Consumer Price Index weight for Vehicle Finance Charges, an item which was not priced for Virginia, was assigned to the weight for New Car, Truck, Motorcycle.

[12] In the Virginia survey, the Consumer Price Index weight for Eyeglasses was included with the weight for Eye Examination. Virginia price data for Eyeglasses and Eye Examination are collected together.

[13] The Consumer Price Index weights for School Books and Supplies, for Tuition and Other School Fees, and for Tobacco Products, items which were not priced for Virginia, were distributed among all the other items in the Virginia survey, except those items included in the Food and Beverages category.

Table 16

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1982
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	104	93[r]	97	102[r]	115	93[r]	101	94
I. Food and Beverages	110	93[r]	98	100	107	93	103	97
A. Food	110[r]	92	98	100	107	93	103	97
1. Food At Home	101	99	101	100	102	99	100	100
a. Cereal and Bakery Products	108	93	103	93	98	107	95	102
(1) Cereal and Cereal Products	112	96	89	93[r]	94	115	94	106
(2) Bakery Products	107	92	107[r]	94	100	104	95	100
b. Meats, Poultry, Fish, and Eggs	98	101	101	100	104	94	101	102
(1) Meats	97	101	101	101	104	93	101	103
(a) Beef	97	100	101	101	107	92	103	100
(b) Pork	97	103	102	102	96	95	100	105
(c) Other Meats	96	99	100	101	106	93	97	108
(2) Poultry	104	109	94	92	103	92	100	107
(3) Fish and Seafood	103	98	104	97	101[r]	96	101	99
(4) Eggs	100	91[r]	100	103	108	104	100	91[r]
c. Dairy Products	97	106	103	100	92	103	97	102
d. Fruits and Vegetables	107	100	95	94	100	99	97	103
(1) Fresh Fruits and Vegetables	110	110	88	94	98	101	96	104
(a) Fresh Fruits	113	108	88	96	86	106	98	104
(b) Fresh Vegetables	107	111	87	92	108	97	94	105[r]
(2) Processed Fruits and Vegetables	104	100	103	95	101	97	98	102
(a) Processed Fruits	105[r]	100	102	98	101[r]	94	102	99
(b) Processed Vegetables	103	99	105	92	101	100	94	106
e. Sugar and Sweets	98	100	101	102	102[r]	103[r]	96	97
f. Fats and Oils	97	93	97	100	107	104	101	102
g. Nonalcoholic Beverages	95	88	104	114	112	91[r]	113	82
h. Miscellaneous Prepared Foods	106	93	98	98	105	102	98	99
2. Food Away From Home	131	78	92	101[r]	118	79	109[r]	92
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	105	92	96	103	124	91[r]	99	89[r]
A. Shelter	107	92	94	103	130[r]	88[r]	100[r]	88
1. Rent	114	84	82	98	168	73	99	81
2. Homeownership	105	94	96	103[r]	122[r]	91[r]	100[r]	90
B. Fuels and Other Utilities	106[r]	91[r]	102	103[r]	108	102	98[r]	90[r]
1. Fuels	99	99	108	101[r]	100	99	97	96
2. Electricity	107[r]	86[r]	104[r]	105[r]	105[r]	103[r]	104[r]	86[r]
3. Natural Gas	98[r]	106[r]	96[r]	99[r]	103[r]	113[r]	92[r]	93[r]
4. Other Utilities and Public Services	116[r]	79[r]	100[r]	105	120[r]	94[r]	96[r]	88[r]
C. Household Furnishings and Operation	96	93	105	106	106	97	100	96
1. House Furnishings	100	91	107	104	106	97	104	91
a. Textiles	89	88	130	110	101[r]	77	113	90
b. Furniture	106	81	99	105	114	103	107	86
c. Appliances	95	94	107	99[r]	100	108	97[r]	99
d. Television and Sound Equipment	99	106	111	106	102	81	98	97
e. Other Household Equipment	102	92	100	102	106	103	106	89
2. Housekeeping Supplies	88	98	102	111	106	96	90	110

Table 16 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1982
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	99	99	105	109	88	103	97[r]
A. Apparel Commodities	100	101	98	103	110	87	102	98
1. Mens Apparel	97[r]	99	101	104	113[r]	80	109	96
2. Boys Apparel	96	95	101	102	106	97	111[r]	93
3. Womens Apparel	103	107	95	102	107	91	94	99
4. Girls Apparel	98	100	102	101	106	95[r]	102	97
5. Footwear	104	93[r]	95	105	112	85[r]	105	101[r]
B. Apparel Services	91	90	108	113	104	94	106	94
IV. Transportation	102[r]	95	99[r]	101[r]	104[r]	96[r]	102	102[r]
A. Auto Purchase	103	94	96	105	103	91	103	106
1. New Car	98	95	102	103	101	95	102	104
2. Used Car	110	92	87	108	106	85	104	108
B. Gasoline	102[r]	99[r]	100[r]	99[r]	100[r]	98[r]	101[r]	100[r]
C. Maintenance and Repair	95	91	100	97	121	99[r]	101	98
D. Other Private Transportation	100	95	103	92	106	103	104	97
1. Commodities	106	100	99	100	97	101[r]	94	102
2. Services	99	93	104	90	108	104	107	96
V. Other Goods and Services	98	96	99	101	113	95	103	95
A. Medical Care	96	93	100	103	118	94	102	94
1. Commodities	102	100	101	101	98	107[r]	97	95
a. Prescription Drugs	94	101	102	106	100	107	98	92
b. Over-the-Counter Items	110	99	101	95[r]	96	106	95	98
2. Services	95	92	99[r]	103[r]	122	92	102	94
a. Professional Services	95	91	98	100	124	94	104	94
(1) Physicians Services	94	91	96	100	135	96	103	84
(2) Dental Services	93	87	100	100	121	90	103	106
(3) Eye Exam and Eyeglasses	101[r]	100	98[r]	99[r]	100[r]	97	110[r]	96[r]
b. Other Services	95[r]	93	101	107	119[r]	90	100	94
B. Entertainment	101	99[r]	98	95	105	96	106	99
1. Commodities	100	106	99	94	97	95	108	101
2. Services	102	90	97	97	116	98	104	96
C. Personal Care	99	95	99	105[r]	113	96	101	91
1. Toilet Goods and Personal Care Appliances	106	95	99	97	101	109	94	98
2. Personal Care Services	94	95	99	112	123	86	107	84
D. Personal and Educational Expenses	98	107	86	105	115	91	94	104

r = revised

Table 17

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1981
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	104	96	96	100	116	93	101	95
I. Food and Beverages	105	96	94	106	106	94	100	99
A. Food	105	96	94	106	107	94	100	99
1. Food At Home	104	98	99	100	99	99	99	101
a. Cereal and Bakery Products	102	98	98	101	100	102	98	101
(1) Cereal and Cereal Products	104	101	97	100	95	100	96	107
(2) Bakery Products	102	97	98	102	102	102	99	99
b. Meats, Poultry, Fish, and Eggs	105	97	99	102	99	101	99	97
(1) Meats	106	96	99	101	101	102	99	96
(a) Beef	108	94	96	102	101	106	97	95
(b) Pork	103	97	102	101	100	99	101	97
(c) Other Meats	103	97	103	100	98	96	103	100
(2) Poultry	99	112	97	101	95	97	95	104
(3) Fish and Seafood	103	99	103	102	96	97	100	100
(4) Eggs	97	93	105	103	96	102	104	99
c. Dairy Products	102	104	101	103	90	102	94	106
d. Fruits and Vegetables	104	103	98	94	99	98	97	106
(1) Fresh Fruits and Vegetables	100	106	93	93	102	96	99	112
(a) Fresh Fruits	103	105	94	88	105	92	100	113
(b) Fresh Vegetables	97	107	92	96	99	100	98	111
(2) Processed Fruits and Vegetables	108	104	103	95	95	100	94	100
(a) Processed Fruits	105	104	104	97	98	100	98	94
(b) Processed Vegetables	112	104	103	93	92	100	90	106
e. Sugar and Sweets	103	97	100	99	99	98	99	105
f. Fats and Oils	103	99	101	99	95	99	99	105
g. Nonalcoholic Beverages	109	82	100	102	116	90	104	97
h. Miscellaneous Prepared Foods	103	101	98	101	92	100	100	104
2. Food Away From Home	107	90	82	119	124	81	104	93
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	107	94	94	98	125[r]	90	100	91
A. Shelter	109	94	92	97[r]	133	87	98	90
1. Rent	117	91	78	89	168	75	103	80
2. Homeownership	108	94	95	98	125[r]	90	97	92
B. Fuels and Other Utilities	102	90[r]	101	106[r]	106	101[r]	104	90[r]
1. Fuels	97	102	103	103	99	99	99	98
2. Electricity	107[r]	86[r]	104[r]	105[r]	105[r]	103[r]	104[r]	86[r]
3. Natural Gas	99	105	101	103	101	100	109	93
4. Other Utilities and Public Services	110	75	97	112	116	100	104	85
C. Household Furnishings and Operation	101	97	98	99[r]	105	96	105	99
1. House Furnishings	101	96	98	100	104	97	105	98
a. Textiles	92[r]	94	103[r]	118[r]	110[r]	91[r]	108[r]	83[r]
b. Furniture	100	87	91	101	109	95	124	93
c. Appliances	97	101	99	96	106	103	96	102
d. Television and Sound Equipment	114	99	101	100	87	95	93	110
e. Other Household Equipment	100	104	103	92	108	98	94	101
2. Housekeeping Supplies	100	100	97	95	101	95	105	103

Table 17 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1981
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	100	94	97	118	92	103r	96
A. Apparel Commodities	101	103	92	95	120	91	103	96
1. Mens Apparel	104	107	86	94	126	84	101	97
2. Boys Apparel	99	93	94	102	110	97	110	95
3. Womens Apparel	98	105	94	96	120	93	101	94
4. Girls Apparel	99	97	102	100	110	96	99	98
5. Footwear	103	97	93	87	120	92	107	101
B. Apparel Services	86	86	103	115	104	102	109	96
IV. Transportation	98	97	99	101	104	98	103	100
A. Auto Purchase	94	95	98	106	102	97	107	101
1. New Car	97	98	101	104	102	100	101	97
2. Used Car	89	91	92	110	101	93	117	107
B. Gasoline	101	103	97	100	103	95	97	103
C. Maintenance and Repair	100	95	104	97	111	100	104	89
D. Other Private Transportation	101	92	105	94	104	103	104	96
1. Commodities	98	95	112	90	104	103	101	96
2. Services	103	91	102	95	105	103	105	97
V. Other Goods and Services	101	97	99	100	110	93	102	98
A. Medical Care	100	94	99	104	117	93	101	93
1. Commodities	99	100	98	99	101	106	97	100
a. Prescription Drugs	95	96	99	100	98	113	102	96
b. Over-the-Counter Items	102	105	96	99	104	99	91	103
2. Services	100	93	99	105	119	90	102	92
a. Professional Services	95	92r	106r	102	118	92	104	90
(1) Physicians Services	99	89	98	100	128	94	105	87
(2) Dental Services	90	89	122	102	112	89	104	93
(3) Eye Exam and Eyeglasses	94	107r	97r	107r	105	95r	103	93r
b. Other Services	105	94	92	107	121	89	99	93
B. Entertainment	103	101	100	95	101	93	103	104
1. Commodities	106	103	102	92	97	92	103	106
2. Services	99	100	97	99	108	94	102	101
C. Personal Care	103	98	97	100	113	93	101	94
1. Toilet Goods and Personal Care Appliances	101	101	98	94	104	104	92	105
2. Personal Care Services	104	96	97	105	121	84	109	85
D. Personal and Educational Expenses	83	99	98	106	107	86	102	119

r = revised

Table 18

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1980
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	102	96	95	100	117	94	101	95
I. Food and Beverages	98	96	96	103	108	96	101	102
A. Food	98	96	96	103	108	96	101	102
1. Food At Home	99	98	99	100	102	99	99	104
a. Cereal and Bakery Products	104	97	101	102	98	98	100	101
(1) Cereal and Cereal Products	109	104	96	93	99	107	95	98
(2) Bakery Products	102	95	102	105	97	96	101	101
b. Meats, Poultry, Fish, and Eggs	96	97	100	102	99	99	100	105
(1) Meats	94	97	100	103	100	98	101	106
(a) Beef	95	97	98	105	100	98	101	107
(b) Pork	92	102	108	98	105	96	100	99
(c) Other Meats	97	90	96	103	95	104	103	112
(2) Poultry	103	99	100	98	95	103	95	107
(3) Fish and Seafood	107	101	101	100	99	97	97	100
(4) Eggs	96	96	102	101	98	103	101	103
c. Dairy Products	100	99	97	100	102	100	98	105
d. Fruits and Vegetables	102	102	99	94	103	99	94	109
(1) Fresh Fruits and Vegetables	100	107	96	91	98	101	91	115
(a) Fresh Fruits	101	109	101	85	96	107	83	119
(b) Fresh Vegetables	100	104	92	97	101	96	100	112
(2) Processed Fruits and Vegetables	103	96	102	97	108	96	96	101
(a) Processed Fruits	108	94	101	101	109	91	100	96
(b) Processed Vegetables	98	98	104	92	107	101	92	107
e. Sugar and Sweets	101	96	99	99	102	98	100	104
f. Fats and Oils	99	97	100	102	108	95	103	97
g. Nonalcoholic Beverages	95	98	93	101	110	94	103	106
h. Miscellaneous Prepared Foods	101	93	100[r]	97	105	105	101	98
2. Food Away From Home	97	92	90	109	122	89	105	96
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	106	94	92	99	128[r]	90	100	91[r]
A. Shelter	108	94	89	98	137[r]	86	99	90
1. Rent	118	97	77	90	167[r]	67	102	83
2. Homeownership	106	94	92	100	129	90	98	91
B. Fuels and Other Utilities	105	89	104	105	106[r]	101	98	93[r]
1. Fuels	102	98	103	101	101	99	98	97
2. Electricity	111	77	106[r]	108	107[r]	105[r]	106	79[r]
3. Natural Gas	85	109	105	108	90	108	84	111
4. Other Utilities and Public Services	117	81	100	103	120	91	98	90
C. Household Furnishings and Operation	95	96	99	101	104	102	109	94
1. House Furnishings	95	94	98	99	106	102	110	94
a. Textiles	87	83	111	106	117	92	121	83
b. Furniture	90	92	93	99	114	90	130	91
c. Appliances	95	97	96	97	100	112	100	102
d. Television and Sound Equipment	98	98	97	97	95	117	101	97
e. Other Household Equipment	105	97	102	97	104	104	94	98
2. Housekeeping Supplies	96	102	100	106	99	99	106	93

Table 18 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1980
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	101	96	96	96	111	96	106	98
A. Apparel Commodities	102	97	95	93	112	95	106	99
1. Mens Apparel	101	90	97	91	120	92	110	98
2. Boys Apparel	98r	91	99	102r	108	101	109	93
3. Womens Apparel	105	108	90	92	108	98	102	98
4. Girls Apparel	91	91	104	108	110	101	104	92
5. Footwear	106	92	98	89	113	88	109	106
B. Apparel Services	89	90	104	115	104	99	106	94
IV. Transportation	100	98	99	100	103	100	102	97
A. Auto Purchase	100	98	97	102	102	101	105	96
1. New Car	101	102	95	100	105	100	99	98
2. Used Car	98	92	100	106	95	101	114	93
B. Gasoline	101	101	97	101	101	100	100	99
C. Maintenance and Repair	98	96	106	100	117	92	96	95
D. Other Private Transportation	102	93	103	97	104	101	104	97
1. Commodities	102	98	103	104	99	94	101	98
2. Services	102	91	103	95	105	103	105	96
V. Other Goods and Services	97	100	95	98r	115	95	101	100
A. Medical Care	94	95	97	104	119	94	105	93
1. Commodities	98	101	95	100	106	103	98	100
a. Prescription Drugs	93	101	96	97	107	109	101	96
b. Over-the-Counter Items	103	101	92	103	104	97	94	105
2. Services	93	94	98	104	121	92	106	92
a. Professional Services	93	96	102r	99	117	94r	108r	90
(1) Physicians Services	92	95	96	99	131	91	109	87
(2) Dental Services	88	95	111	101	106	96	111	92
(3) Eye Exam and Eyeglasses	107	100r	102r	97r	100r	99r	99	96r
b. Other Services	93	91	93	109	125	91	104	94
B. Entertainment	99	108	93	88	114	95	93	110
1. Commodities	102	118	89	79	119	92	85	117
2. Services	96	93	98	101	108	101	105	100
C. Personal Care	101	95	96	101	108	97	106	96
1. Toilet Goods and Personal Care Appliances	103	96	97	98	104	103	101	99
2. Personal Care Services	100	95	95	104	112	92	110	93
D. Personal and Educational Expenses	95	108	85	97	96	111	101	107

r = revised

Table 19

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1979
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	103	95	97	99	114	96	102	94
I. Food and Beverages	101	98	97	99	109	95	101	99
A. Food	101	98	97	99	109	95	101	99
1. Food At Home	101	102	97	98	105	97	97	103
a. Cereal and Bakery Products	96	109	99	95	106	98	94	103
(1) Cereal and Cereal Products	103	103	95	93	107	101	97	101
(2) Bakery Products	93	111	101	96	106	97	92	104
b. Meats, Poultry, Fish, and Eggs	100	101	97	101	102	98	98	103
(1) Meats	100	102	96	103	102	97	100	101
(a) Beef	98	105	93	104	102	95	100	103
(b) Pork	104	96	102	103	102	99	98	97
(c) Other Meats	99	103	96	101	103	96	101	100
(2) Poultry	102	107	98	89	105	87	92	121
(3) Fish and Seafood	100	99	98	93	99	120	92	100
(4) Eggs	104	93	100	99	109	99	99	99
c. Dairy Products	103	106	98	94	100	94	94	110
d. Fruits and Vegetables	103	100	100	95	103	99	95	105
(1) Fresh Fruits and Vegetables	101	102	99	95	104	98	94	107
(a) Fresh Fruits	94	101	99	94	102	101	94	114
(b) Fresh Vegetables	108	103	98	96	106	95	94	100
(2) Processed Fruits and Vegetables	104	97	102	95	102	99	97	104
(a) Processed Fruits	106	94	96	98	106	97	100	103
(b) Processed Vegetables	102	99	108	92	98	102	94	104
e. Sugar and Sweets	101	96	96	99	107	97	99	105
f. Fats and Oils	103	97	94	96	115	97	101	97
g. Nonalcoholic Beverages	102	98	97	99	115	94	99	98
h. Miscellaneous Prepared Foods	102	103	93	95	111	98	98	99
2. Food Away From Home	102	89	97	103	119	91	110	88
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	106	92	93	98	124	95	102	90
A. Shelter	108	92	90	97	131[r]	93	100	89
1. Rent	119	91	78	88	152	87	105	80
2. Homeownership	105	92	93	100	126	94	99	91
B. Fuels and Other Utilities	105	87	103	104	107	102	103	90[r]
1. Fuels	97	95	105	101	107	102	102	91
2. Electricity	109	82	105	106[r]	106[r]	103[r]	104[r]	85[r]
3. Natural Gas	84	99	104	106	85	118	105	98
4. Other Utilities and Public Services	116	80	100	101	123	90	100	90
C. Household Furnishings and Operation	96	95	99	98	106	99	108	98
1. House Furnishings	93	96	99	100	107	99	110	97
a. Textiles	84	86	112	110	114	88	115	92
b. Furniture	88	92	94	101	112	94	123	96
c. Appliances	95	96	99	100	102	104	98	105
d. Television and Sound Equipment	98	99	99	95	105	107	102	94
e. Other Household Equipment	97	104	100	96	101	99	105	96
2. Housekeeping Supplies	104	93	100	93	105	101	103	102

Table 19 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1979
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	104r	99	100	99	104	94r	107	93
A. Apparel Commodities	105	101	99	96	105	94	108	93
1. Mens Apparel	98	99	103	99	103	93	114	91
2. Boys Apparel	96	101	101	96	107	100r	104	94
3. Womens Apparel	115	106	96	93	104	93	105	90
4. Girls Apparel	97	99	102	95	110	94	109	95
5. Footwear	105	94	96	100	106	94	104	101
B. Apparel Services	90	88	106	114	101	100	104	98
IV. Transportation	100	99	101	98	101	101	100	101
A. Auto Purchase	102	100	100	98	97	101	99	103
1. New Car	100	101	99	99	102	101	100	99
2. Used Car	105	99	101	96	91	102	97	109
B. Gasoline	99	100	101	100	100r	101	98	99
C. Maintenance and Repair	89	94	104	100	115	97	101	100
D. Other Private Transportation	101	94	102	96	105	101	103	98
1. Commodities	96	107	98	99	105	94	95	105
2. Services	102	91	103	95	105	103	105	96
V. Other Goods and Services	99	93	100	103	110	96	105	93
A. Medical Care	96	89	101	106	114	97	104	94
1. Commodities	94	93	103	99	103	107	104	97
a. Prescription Drugs	88	90	102	96	101	110	112	101
b. Over-the-Counter Items	99	96	104	103	104	104	95	93
2. Services	96	89	100r	107	116	95	104	93
a. Professional Services	94	89	106	100	117r	98	105	91
(1) Physicians Services	93	87	106	95	129	97	108	86
(2) Dental Services	92	89	110	102	106	99	106	96
(3) Eye Exam and Eyeglasses	102r	92	99r	111	106r	100r	94r	96
b. Other Services	98	88	95	113	116	92	103	95
B. Entertainment	100	98	102	99	105	96	106	95
1. Commodities	102	98	104	100	99	97	111	89
2. Services	96	97	99	98	114	94	99	102
C. Personal Care	107	94	97	103	111	94	105	88
1. Toilet Goods and Personal Care Appliances	107	96	94	98	104	99	101	99
2. Personal Care Services	106	93	99	106	117	90	109	80
D. Personal and Educational Expenses	95	91	93	109	99	111	108	92

r = revised

Table 20

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1978
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	102	96	97	100	114	94	104	93
I. Food and Beverages	101	96	98	99	109	97	104	96
A. Food	101	96	98	99	109	97	105	95
1. Food At Home	99	97	102	99	103	101	98	101
a. Cereal and Bakery Products	99	98	98	101	103	101	101	100
(1) Cereal and Cereal Products	101	99	95	99	108	101	100	97
(2) Bakery Products	98	97	98	102	102	101	101	100
b. Meats, Poultry, Fish, and Eggs	99	95	102	102	102	101	100	99
(1) Meats	99	94	103	102	102	101	100	98
(a) Beef	100	95	105	105	101	101	99	95
(b) Pork	100	94	99	101	103	101	102	99
(c) Other Meats	94	94	105	98	101	101	102	104
(2) Poultry	104	102	91	102	97	101	97	105
(3) Fish and Seafood	99	89	100	103	103	102	101	102
(4) Eggs	97	93	104	102	103	102	102	97
c. Dairy Products	102	99	102	98	97	102	97	103
d. Fruits and Vegetables	101	98	98	100	104	99	98	102
(1) Fresh Fruits and Vegetables	101	98	98	101	104	96	99	102
(a) Fresh Fruits	103	96	99	100	109	95	100	100
(b) Fresh Vegetables	98	101	98	103	100	97	99	104
(2) Processed Fruits and Vegetables	101	98	98	99	103	102	97	102
(a) Processed Fruits	102	92	94	101	106	104	99	102
(b) Processed Vegetables	101	103	102	96	100	99	96	101
e. Sugar and Sweets	103	96	98	100	105	99	100	100
f. Fats and Oils	96	96	108	100	111	95	100	94
g. Nonalcoholic Beverages	91	95	117	92	105	107	90	102
h. Miscellaneous Prepared Foods	96	99	96[r]	97	112	100	97	102
2. Food Away From Home	107	93	89	98	123	87	119	83
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	105	93	94	100	125	92	103	88
A. Shelter	106	93	91	101	133	89	102	86
1. Rent	110	87	83	94	162	78	110	74
2. Homeownership	105	94	93	103	125	92	100	89
B. Fuels and Other Utilities	103	90	101	101	103	101	107	93
1. Fuels	98	99	105	101	102	98	100	97
2. Electricity	109	81	105	107	107	103	104[r]	84
3. Natural Gas	79	104	95	95	84	120	117	106
4. Other Utilities and Public Services	114	88	99	100	112	89	106	92
C. Household Furnishings and Operation	101	100	98	98	108	96	105	95
1. House Furnishings	100	101	98	99	108	95	107	93
a. Textiles	96	91	109	103	103	85	121	92
b. Furniture	97	99	99	100	121	85	118	81
c. Appliances	99	103	97	98	98	107	98	101
d. Television and Sound Equipment	101	99	99	100	103	103	99	96
e. Other Household Equipment	105	109	92	94	107	95	99	98
2. Housekeeping Supplies	103	98	99	96	106	99	99	100

Table 20 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1978
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	99	98	101	109	95	105	94
A. Apparel Commodities	101	100	98	99	109	94	105	94
1. Mens Apparel	102	103	102	99	103	88	107	96
2. Boys Apparel	90	100	99r	94	111	99	108	98
3. Womens Apparel	104r	101	92	102	113	97	100	90
4. Girls Apparel	95	96	98	101	109	98	105	97
5. Footwear	98	95	101	94	110	93	112	96
B. Apparel Services	86	88	99	119	105	99	106	99
IV. Transportation	99	100	101	100	100	97	104	99
A. Auto Purchase	99	105	101	102	95	92	105	100
1. New Car	99	100	99	101	98	100	100	102
2. Used Car	98	112	105	103	92	80	113	98
B. Gasoline	100	100	101	101	100	101	99	98
C. Maintenance and Repair	94	91	101	102	108	99	107	98
D. Other Private Transportation	100	95	99	94	108	102	105	98
1. Commodities	98	100	98	96	110	90	104	104
2. Services	100	93	99	93	107	105	106	97
V. Other Goods and Services	100	94	101r	100	110	94	103	98
A. Medical Care	98	93	100r	100	113	96	103	96
1. Commodities	97	105	101	90	103	108	99	98
a. Prescription Drugs	96	102	106	90	93	115	105	94
b. Over-the-Counter Items	98	108	96	91	113	100	92	101
2. Services	99	91	100r	102	115	94	103	95
a. Professional Services	96	92	107	97	114	94	105	95
(1) Physicians Services	94	90	103	92	119	96	113	93
(2) Dental Services	97	89	117	99	114	89	96	99
(3) Eye Exam and Eyeglasses	100	105	96r	107	99r	102r	101	90
b. Other Services	102	91	94	106	116	94	101	96
B. Entertainment	102	97	102	97	104	91	103	104
1. Commodities	107	96	100	98	97	89	106	105
2. Services	94	97	105	95	115	94	98	101
C. Personal Care	101	91	103	104	117	90	102	91
1. Toilet Goods and Personal Care Appliances	101	97	102	101	100	102	101	97
2. Personal Care Services	101	87	104	107	131	81	104	87
D. Personal and Educational Expenses	97	97	100	108	97	98	101	102

r = revised

Table 21

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1977
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	102	95	98	99	112	96	102	97
I. Food and Beverages	102	99	101	98	103	97	102	99
A. Food	102	99	101	98	103	97	102	98
1. Food At Home	101	100	100	99	102	100	98	101
a. Cereal and Bakery Products	97	95	98	101	106	103	103	97
(1) Cereal and Cereal Products	102	94	101	98	106	102	100	97
(2) Bakery Products	93	95	96	104	106	104	106	96
b. Meats, Poultry, Fish, and Eggs	101	102	101	100	100	98	96	102
(1) Meats	99	103	102	102	100	97	96	101
(a) Beef	94	102	105	106	100	97	93	104
(b) Pork	102	100	101	101	102	96	100	98
(c) Other Meats	106	109	98	94	97	102	97	98
(2) Poultry	113	101	93	93	97	97	93	113
(3) Fish and Seafood	104	96	101	99	100	100	99	101
(4) Eggs	101	96	101	100	105	101	98	98
c. Dairy Products	104	97	99	95	101	103	100	100
d. Fruits and Vegetables	101	104	98	97	97	102	96	105
(1) Fresh Fruits and Vegetables	102	105	97	95	95	100	97	108
(a) Fresh Fruits	101	107	94	97	93	104	96	108
(b) Fresh Vegetables	103	104	99	94	96	98	99	108
(2) Processed Fruits and Vegetables	100	102	100	98	101	105	93	101
(a) Processed Fruits	96	101	101	102	110	97	98	95
(b) Processed Vegetables	102	103	99	97	97	108	91	104
e. Sugar and Sweets	102	97	99	100	102	98	99	102
f. Fats and Oils	97	93	96	106	110	98	106	94
g. Nonalcoholic Beverages	102	102	104	96	105	96	94	100
h. Miscellaneous Prepared Foods	99	97	99	99	106	100	98	102
2. Food Away From Home	109	94	105	92	108	83	121	87
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	105	92	94	98	122	92	103	94
A. Shelter	105	92	90	99	132	89	100	92
1. Rent	112	88	80	96	157	83	105	80
2. Homeownership	103	93	94	100	125	91	99	96
B. Fuels and Other Utilities	106	84	98	96	105	103	110	97
1. Fuels	99	99	101	101	102	101	100	98
2. Electricity	111	72	108	108	110	106	108	76
3. Natural Gas	107	91	78	79	100	111	121	114
4. Other Utilities and Public Services	107	77	107	101	109	91	108	99
C. Household Furnishings and Operation	102	98	102[r]	98	105	95	104	97
1. House Furnishings	103	98	103	97	105	92	106	96
a. Textiles	96	92	110	108	107	83	107	98
b. Furniture	101	98	104	94	110	90	111	92
c. Appliances	98	102	98	100	102	99	96	106
d. Television and Sound Equipment	115	95	96	94	97	102	105	96
e. Other Household Equipment	104	99	110	97	103	85	106	95
2. Housekeeping Supplies	100	98	100	100	105	102	97	98

Table 21 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1977
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	104	98r	95	104	110	93	98	98
A. Apparel Commodities	106	100	95	103	110	92	97	98
1. Mens Apparel	107	106	98	102	109	86	93	99
2. Boys Apparel	95	99	93	98	110	103	96	106
3. Womens Apparel	109	98	91	104	111	95	97	95
4. Girls Apparel	105	94	93	101	104	102	111	90
5. Footwear	103	97	99	104	113	86	95	103
B. Apparel Services	87	86	101	114	106	102	105	99
IV. Transportation	99	95	99	101	101	102	103	101
A. Auto Purchase	99	95	98	104	93	104	104	102
1. New Car	99	102	99	100	101	103	97	99
2. Used Car	100	90	96	108	86	104	110	105
B. Gasoline	99	100	97	101	101	103	99	100
C. Maintenance and Repair	99	92	98	102	109	99	105	96
D. Other Private Transportation	96	90	102	95	109	102	105	101
1. Commodities	97	91	96	99	96	102	104	114
2. Services	96	90	103	94	113	101	105	97
V. Other Goods and Services	98	89	102	99	116	96	103	97
A. Medical Care	97	90	103r	98	118r	98	102	94
1. Commodities	94	98	95	89	108	107	101	107
a. Prescription Drugs	92	97	92	84	105	115	109	107
b. Over-the-Counter Items	96	99	98	95	111	100	94	108
2. Services	98	88	105	99	119	97	102	93
a. Professional Services	98	89	113r	90	118	97	104	90r
(1) Physicians Services	96	89	112	93	124	98	101	87
(2) Dental Services	102	88	119	83	113	89	110	96
(3) Eye Exam and Eyeglasses	97	96	103r	95	95r	119r	97r	98r
b. Other Services	98	88	96	108	120	96	100	95
B. Entertainment	100	88	98	97	112	95	105	104
1. Commodities	114	85	96	92	102	96	116	99
2. Services	93	90	99	100r	117	95	98	107
C. Personal Care	98	91	102	105	117	90	102	94
1. Toilet Goods and Personal Care Appliances	102	99	102	97	100	98	97	105
2. Personal Care Services	94	84	103	114	134	82	106	83
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available
r = revised

Table 22

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1976
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	102	96	97	100	115	96	104	95
I. Food and Beverages	103	100	98	98	106	96	102	97
A. Food	103	100	97	98	107	95	102	97
1. Food At Home	101	101	99	100	102	99	98	99
a. Cereal and Bakery Products	97	100	98	101	104	102	100	98
(1) Cereal and Cereal Products	101	103	98	99	104	102	98	96
(2) Bakery Products	94	98	98	102	103	103	101	100
b. Meats, Poultry, Fish, and Eggs	102	105	98	102	101	96	99	97
(1) Meats	102	106	98	103	101	96	99	94
(a) Beef	106	107	103	103	94	97	93	97
(b) Pork	97	106	95	103	104	97	104	94
(c) Other Meats	104	105	92	102	109	92	105	91
(2) Poultry	101	104	103	96	95	96	93	111
(3) Fish and Seafood	104	94	98	101	102	93	100	107
(4) Eggs	101	100	100	102	105	101	101	89
c. Dairy Products	102	103	100	99	100	98	97	101
d. Fruits and Vegetables	104	98	100	95	99	104	94	105
(1) Fresh Fruits and Vegetables	104	99	100	92	99	105	94	108
(a) Fresh Fruits	101	97	99	91	96	104	89	124
(b) Fresh Vegetables	105	100	101	92	100	106	97	98
(2) Processed Fruits and Vegetables	105	97	101	99	99	103	95	100
(a) Processed Fruits	102	99	103	102	97	100	98	98
(b) Processed Vegetables	107	97	100	98	100	103	94	101
e. Sugar and Sweets	102	98	101	101	100	98	101	100
f. Fats and Oils	95	96	102	106	110	94	104	92
g. Nonalcoholic Beverages	100	99	103	94	115	96	95	99
h. Miscellaneous Prepared Foods	96	97	98	99	109	100	98	102
2. Food Away From Home	115	95	86	90	128	80	121	85
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	102	92	94	100	124	92	103	92
A. Shelter	100	92	91	101	136	89	101	90
1. Rent	106	92	82	99	148	88	103	83
2. Homeownership	98	92	93	102	132	89	101	92
B. Fuels and Other Utilities	110	87	101	101	100	97	112	93
1. Fuels	98	98	101	101	103	103	99	97
2. Electricity	110	79	104	108	108	103	106	81
3. Natural Gas	119	97	95	99	78	88	133	91
4. Other Utilities and Public Services	109	76	102	97	112	94	107	104
C. Household Furnishings and Operation	105	98	100	94	107	97	104	96
1. House Furnishings	106	98	100	94	108	95	105	95
a. Textiles	95	91	109	97	131	84	104	89
b. Furniture	110	98	95	90	112	90	110	95
c. Appliances	103	102	95	93	102	104	96	104
d. Television and Sound Equipment	114	101	100	97	97	96	100	95
e. Other Household Equipment	95	93	112	98	102	103	108	90
2. Housekeeping Supplies	101	98	99	97	102	104	99	99

Table 22 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1976
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	100	101	96	97	113	91	106	95
A. Apparel Commodities	101	102	96	96	113	91	107	95
1. Mens Apparel	107	113	92	92	123	84	99	91
2. Boys Apparel	99	98	95	100	114r	85	102	106
3. Womens Apparel	94	102	96	96	110	95	112	95
4. Girls Apparel	100	92	94	101	101	108	121	83
5. Footwear	106r	94	104	99	110	85	101	101
B. Apparel Services	92	88	99	108	113	99	102	99
IV. Transportation	99	93	100	101	103	101	107	95
A. Auto Purchase	102	89	98	104	98	104	112	93
1. New Car	104	98	101	100	102	99	100	96
2. Used Car	100	80	95	107	94	110	124	90
B. Gasoline	101	99	99	101	100	100	103	98
C. Maintenance and Repair	97	96	107	103	104	93	105	94
D. Other Private Transportation	93	91	101	96	113	101	106	97
1. Commodities	91	99	94	101	107	100	105	103
2. Services	94	89	103	94	115	102	107	96
V. Other Goods and Services	100	89	97	100	119	97	103	94
A. Medical Care	97	87	92	101	122	102	105r	95
1. Commodities	99	97	101	90	101	109	108	94
a. Prescription Drugs	98	96	101	87	101	109	108	100
b. Over-the-Counter Items	99	99	102	93	102	109	108	88
2. Services	96	86	90	102	124	101	104	96
a. Professional Services	98	83	93	94	122	110	106	93
(1) Physicians Services	100	82	90	97	134	100	106	91
(2) Dental Services	95	80	96	88	107	131	108	95
(3) Eye Exam and Eyeglasses	100	100	103r	100	100	100	97r	100
b. Other Services	94	89	87	111	127	92	102	98
B. Entertainment	107	90	101	97	115	94	101	96
1. Commodities	122	80	105	88	120	98	103	84
2. Services	97	95	99	102	112	92	99	104
C. Personal Care	99	91	103	105	117	91	104	89
1. Toilet Goods and Personal Care Appliances	103	100	101	99	96	102	103	96
2. Personal Care Services	96	81	106	112	140	79	106	82
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available
r = revised

Table 23

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1975
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	103	98	98	101	112	96	101	96
I. Food and Beverages	102	103	97	99	101	100	99	98
A. Food	103	104	97	99	102	100	99	98
1. Food At Home	103	104	97	99	102	100	99	98
a. Cereal and Bakery Products	100	105	92	103	104	101	101	95
(1) Cereal and Cereal Products	103	108	91	99	101	101	98	98
(2) Bakery Products	97	103	93	106	106	101	103	93
b. Meats, Poultry, Fish, and Eggs	102	104	98	97	101	103	99	96
(1) Meats	104	103	98	97	100	105	100	93
(a) Beef	104	100	98	99	99	107	101	91
(b) Pork	96	110	98	96	98	105	98	98
(c) Other Meats	114	100	99	96	104	98	99	91
(2) Poultry	101	108	101	90	107	93	95	107
(3) Fish and Seafood	100	100	95	99	103	102	99	102
(4) Eggs	96	105	97	100	103	100	98	101
c. Dairy Products	105	104	96	99	97	101	97	101
d. Fruits and Vegetables	108	103	99	96	98	103	97	96
(1) Fresh Fruits and Vegetables	111	104	99	94	97	105	99	91
(a) Fresh Fruits	109	103	107	95	94	108	98	86
(b) Fresh Vegetables	112	104	92	93	99	104	100	96
(2) Processed Fruits and Vegetables	105	103	99	98	99	100	93	103
(a) Processed Fruits	102	103	101	101	102	92	93	105
(b) Processed Vegetables	106	103	98	97	98	104	93	102
e. Sugar and Sweets	97	106	97	99	102	101	99	99
f. Fats and Oils	97	100	92	109	110	93	104	95
g. Nonalcoholic Beverages	100	106	104	98	110	88	94	101
h. Miscellaneous Prepared Foods	103	103	94	96	108	88	94	114
2. Food Away From Home	NA	NA	NA	NA	NA	NA	NA	NA
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	103	94	92	101	124	92	102	92
A. Shelter	100	93	90	102	135	91	102	87
1. Rent	101	94	88	96	149	92	100	81
2. Homeownership	100	92	91	103	131	91	103	89
B. Fuels and Other Utilities	112	92	98	99	101	98	100	99
1. Fuels	98	101	100	101	101	102	100	97
2. Electricity	104	96	100	104	100	97	101	98
3. Natural Gas	132	101	87	93	86	98	103	101
4. Other Utilities and Public Services	112	76	105	99	113	95	98	102
C. Household Furnishings and Operation	105	100	96	100	105	91	102	101
1. House Furnishings	106	98	95	102	104	89	104	101
a. Textiles	92	92	117	85	107	95	112	100
b. Furniture	115	97	73	108	111	87	106	103
c. Appliances	93	105	105	97	98	98	99	104
d. Television and Sound Equipment	106	102	110	101	96	81	101	103
e. Other Household Equipment	109	91	112	107	101	90	98	92
2. Housekeeping Supplies	100	107	100	93	107	99	96	99

Table 23 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREA: 1975
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	103	93	102	99	110	87	102	105
A. Apparel Commodities	104	93	102	98	109	86	103	106
1. Mens Apparel	103	96	83	102	108	82	111	115
2. Boys Apparel	103	103	97	100	104	91	103	98
3. Womens Apparel	103	84	118	100	114	80	93	108
4. Girls Apparel	108	99	102	104	101	92	108	88
5. Footwear	105	101	98	85	108	97	106	100
B. Apparel Services	92	89	103	110	115	101	94	95
IV. Transportation	103	97	102	102	99	99	100	97
A. Auto Purchase	107	100	98	109	92	101	97	95
1. New Car	105	100	96	98	102	100	101	98
2. Used Car	108	100	101	120	84	102	93	91
B. Gasoline	101	101	101	101	99	97	100	101
C. Maintenance and Repair	111	88	110	94	111	93	100	93
D. Other Private Transportation	97	92	108	96	105	100	105	96
1. Commodities	91	101	116	91	110	95	100	96
2. Services	98	89	105	98	104	102	107	96
V. Other Goods and Services	100	94	103	101	115	93	98	96
A. Medical Care	98	92	99	102	118	97	98	96
1. Commodities	101	91	108	98	104	104	92	101
a. Prescription Drugs	94	92	105	98	102	114	91	104
b. Over-the-Counter Items	108	90	110	99	107	95	93	97
2. Services	97	93	98	103	120	96	99	95
a. Professional Services	96	93	101	100	119	99	96	96
(1) Physicians Services	92	91	102	101	129	98	95	92
(2) Dental Services	101	95	100	100	106	100	97	101
(3) Eye Exam and Eyeglasses	100	100	100	100	100	100	100	100
b. Other Services	99	92	94	105	121	92	102	95
B. Entertainment	104	94	104	100	115	88	98	98
1. Commodities	116	102	95	97	120	81	94	94
2. Services	97	89	109	102	111	92	100	100
C. Personal Care	96	98	113	103	110	93	96	91
1. Toilet Goods and Personal Care Appliances	103	104	102	102	96	103	94	97
2. Personal Care Services	89	92	124	103	124	83	98	85
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available

Table 24

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1982 OVER 1981

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+6%	+3%r	+7%	+7%r	+5%	+5%r	+5%	+5%
I. Food and Beverages	+6%	-1%	+6%	-3%	+3%	+1%	+4%	+2%
A. Food	+6	-1	+6	-4	+3	+1	+4	+2
1. Food At Home	+2	+6	+6	+3	+7	+4	+5	+4
2. Food Away From Home	+15	-17	+6	-17r	-6	-7	0	-2
B. Alcoholic Beverages	+6	+6	+6	+6	+6	+6	+6	+6
II. Housing	+3%r	+2%	+6%	+9%	+4%	+4%r	+3%r	+2%
A. Shelter	+1	+1	+4	+9	+2	+3r	+4r	0
1. Rent	+6	0	+16	+21r	+9	+6	+5	+10
2. Homeownership	0	+1	+2	+7	+1	+2r	+4r	-2
B. Fuels and Other Utilities	+12r	+9	+8	+4	+9	+10r	+1r	+8r
1. Fuels	-3	-7	-1r	-6	-4	-4	-6	-6
2. Electricity	+15r	+14r	+15	+15r	+15	+15	+15r	+14r
3. Natural Gas	+20r	+10	+3r	+4r	+10	+22	-9r	+9r
4. Other Utilities and Public Services	+13r	+13	+11	0	+11	+3r	-1	+12
C. Household Furnishings and Operation	0	-1	+11	+12r	+5r	+5	0	+1
1. House Furnishings	+1	-3	+11	+7	+4	+2	+2	-4
2. Housekeeping Supplies	-5	+6	+13	+27	+9	+10	-6	+14
III. Apparel	+14%	+12%	+20%	+22%	+5%	+6%r	+12%	+15%
A. Apparel Commodities	+15r	+12	+22	+26	+5	+9	+13	+17
1. Mens Apparel	+6	+5	+34	+25	+3	+7	+22	+13
2. Boys Apparel	+12	+17	+23	+15	+11	+16	+15	+14
3. Womens Apparel	+22	+18	+16	+22	+2	+12	+6	+22
4. Girls Apparel	+6	+9	+3	+6	+8	+3	+8	+8
5. Footwear	+19	+13	+20	+47r	+10	+8r	+14	+18
B. Apparel Services	+12	+11	+11	+4	+6	-3	+3	+3
IV. Transportation	+14%	+8%	+9%	+8%r	+10%	+7%	+9%	+11%
A. Auto Purchase	+24	+11	+10	+11	+14	+5	+7	+17
1. New Car	+12	+8	+11	+10	+9	+5	+12	+19
2. Used Car	+40	+15	+7	+12	+20	+4	+1	+15
B. Gasoline	+1	-3	+3	0r	-3	+3	+5	-3
C. Maintenance and Repair	+5	+5	+6	+10	+20	+9	+7r	+21
D. Other Private Transportation	+19	+25	+20	+18	+23	+21	+21	+22
1. Commodities	+10	+6	-11	+13	-6	-1	-5	+7
2. Services	+22	+30	+29	+20	+31	+28	+29	+26
V. Other Goods and Services	+4%	+5%	+7%	+7%	+9%	+10%	+8%	+4%
A. Medical Care	+6	+9r	+12	+9	+11	+11	+10	+12r
1. Commodities	+10	+7	+11	+9	+5	+9	+8	+3
2. Services	+5	+10	+12	+9	+12	+12	+11	+13
B. Entertainment	+1r	-1	+1	+3	+6	+7	+7	-4
1. Commodities	-7r	+1	-4	+2	0	+4	+5	-8
2. Services	+11	-3	+8	+5	+16	+12	+10	+2
C. Personal Care	+3	+3	+7r	+11	+5	+9	+6	+2
1. Toilet Goods and Personal Care Appliances	+12	+1	+8	+10	+3	+12	+10	0
2. Personal Care Services	-5	+4	+7	+12	+7	+6	+3	+3
D. Personal and Educational Expenses	+32	+18	-4	+9	+22	+17	0	-3

r = revised

Table 25
CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1981 OVER 1980

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+16%	+13%	+15%	+15%	+13%	+13%	+14%	+14%
I. Food and Beverages	+16%	+9%	+6%	+13%	+8%	+6%	+8%	+6%
A. Food	+17	+9r	+6	+13	+8	+6	+8	+6
1. Food At Home	+10	+6r	+6	+5	+2	+6	+4	+2
2. Food Away From Home	+31	+16	+7	+30	+21	+6	+17	+15
B. Alcoholic Beverages	+8	+8	+8	+8	+8	+8	+8	+8
II. Housing	+17%	+15%	+18%	+15%	+14%r	+16%	+16%	+16%
A. Shelter	+17	+14	+19	+15	+14r	+18	+15	+15
1. Rent	+11	+5	+14	+11	+12	+27	+13	+8
2. Homeownership	+18	+16	+21	+16	+14r	+15	+16	+17
B. Fuels and Other Utilities	+12	+16r	+11	+15	+15	+15	+23r	+11r
1. Fuels	+18	+29	+25	+26	+22	+23	+25	+24
2. Electricity	-1r	+15r	0r	0	0	0	0r	+11r
3. Natural Gas	+34	+22	+23	+21	+42	+19	+66	+6
4. Other Utilities and Public Services	+5	+1	+1	+21	+5	+23	+16	+4
C. Household Furnishings and Operation	+24	+16	+11	+13	+15	+9	+10	+22
1. House Furnishings	+27	+20	+17	+18	+14	+10	+10	+22
2. Housekeeping Supplies	+15	+7	+11	-1	+17	+4	+9	+23
III. Apparel	+9%	+16%	+7%	+12%	+17%	+7%r	+8%	+8%
A. Apparel Commodities	+9	+18	+7	+12	+19r	+6	+7	+8
1. Mens Apparel	+16	+35	0	+17	+19	+2	+3	+11
2. Boys Apparel	+13	+14	+7	+11	+15	+7	+13r	+14
3. Womens Apparel	+4	+8	+17	+16	+24	+6	+11	+7
4. Girls Apparel	+15	+12	+4	-1	+5	0	0	+12
5. Footwear	+5	+12	+2	+4	+14	+14	+5	+2
B. Apparel Services	+4r	+2r	+6	+7	+8	+11	+11	+10
IV. Transportation	+11%	+13%	+15%	+15%	+15%	+12%	+15%	+18%
A. Auto Purchase	+17	+21	+25	+29	+25	+20	+27	+31
1. New Car	+19	+19	+32	+29	+21	+24	+27	+23
2. Used Car	+14	+23	+15	+28	+31	+14	+27	+43
B. Gasoline	+8	+10	+8	+6	+10	+2	+5	+12
C. Maintenance and Repair	+3	0	-1	-2	-3	+10	+9	-5
D. Other Private Transportation	+7	+7	+10	+5	+9	+10	+8	+8
1. Commodities	-1	+1	+13	-11	+10	+14	+4	+2
2. Services	+10	+9	+9	+9	+9	+9	+9	+9
V. Other Goods and Services	+22%	+13%	+23%	+21%	+11%	+14%	+21%	+13%
A. Medical Care	+19	+10	+13	+11	+9	+10	+7	+10
1. Commodities	+10	+9	+13	+9	+4	+13	+8	+8
2. Services	+20	+11r	+13	+11r	+10	+9	+7	+10r
B. Entertainment	+35	+19	+42	+40	+13	+28	+49	+20
1. Commodities	+54	+24	+69	+65	+20	+48	+81	+30
2. Services	+7	+11	+3	+2	+3	-2	+1	+4
C. Personal Care	+9	+11	+9	+6	+12	+2	+2	+5
1. Toilet Goods and Personal Care Appliances	+4	+12	+8	+1	+7	+7	-3	+12
2. Personal Care Services	+13	+10	+11	+10	+16	-2	+7	-1
D. Personal and Educational Expenses	-9	-6	+15	+15	+14	-22	+4	+15

r = revised

Table 26

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1980 OVER 1979

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+9%	+11%	+7%	+10%	+12%	+6%	+9%	+11%
I. Food and Beverages	+4%	+5%	+6%	+10%	+5%	+8%	+7%	+11%
A. Food	+4	+5	+6	+11	+5	+8	+7	+12
1. Food At Home	+8	+6	+12	+12	+6	+13	+12	+12
2. Food Away From Home	-7	+2	-7	+8	+2	-1	-4	+12
B. Alcoholic Beverages	+4	+4	+4	+4	+4	+4	+4	+4
II. Housing	+9%	+11%	+7%	+10%	+12%	+2%	+7%	+9%
A. Shelter	+9	+11	+6	+9	+14r	0	+7	+9
1. Rent	+11	+19	+10	+14	+24	-15	+9	+16
2. Homeownership	+9	+9	+5	+8	+12r	+3	+7	+7
B. Fuels and Other Utilities	+13	+13	+12	+13	+12	+9	+6	+14
1. Fuels	+31	+28	+22	+25	+18	+22	+21	+34
2. Electricity	+15	+7	+15	+15	+15	+16	+15	+7
3. Natural Gas	+12	+23	+12	+14	+19	+2	-11	+26
4. Other Utilities and Public Services	0	+1	0	+1	-2	0	-2	0
C. Household Furnishings and Operation	+5	+8	+6	+10	+4	+8	+7	+2
1. House Furnishings	+6	+2	+3	+3	+3	+7	+3	+1
2. Housekeeping Supplies	+4	+25	+15	+30	+8	+12	+18	+4
III. Apparel	-1%	-1%	-2%	-1%	+8%	+3%	+1%	+7%
A. Apparel Commodities	-2	-4	-3	-3	+7	+2	-1	+7
1. Mens Apparel	+4	-10	-6	-8	+15	-2	-5	+8
2. Boys Apparel	+8	-3r	+5	+14	+7	+7	+13	+6r
3. Womens Apparel	-12	-2	-9	-5	+1	+3	-6	+7
4. Girls Apparel	+4	+3	+14	+26	+11	+19	+5	+8
5. Footwear	+1	0	+2	-10	+6	-6	+6	+5
B. Apparel Services	+10	+15	+10	+14	+15	+11	+14	+7
IV. Transportation	+15%	+13%	+11%	+16%	+16%	+13%	+17%	+11%
A. Auto Purchase	+3	+3	+2	+9	+9	+5	+1	-1
1. New Car	+10	+10	+5	+10	+13	+9	+8	+7
2. Used Car	-8	-8	-2	+9	+3	-2	+16	-15
B. Gasoline	+34	+33	+27	+33	+34	+31	+35	+32
C. Maintenance and Repair	+23	+14	+12	+10	+13	+5	+5	+6
D. Other Private Transportation	+4	0	+4	+4	+1	+2	+4	+1
1. Commodities	+18	+1	+16	+17	+3	+10	+18	+3
2. Services	0	0	0	0	0	0	0	0
V. Other Goods and Services	+10%	+20%r	6%	+6%	+19%	+11%	+7%	+23%
A. Medical Care	+10	+20	+9	+11	+17	+10	+14	+12
1. Commodities	+8	+12	-5	+4	+6	-1	-3	+7
2. Services	+11	+21	+11	+12	+19	+12	+17	+13
B. Entertainment	+14	+27	+4	+2	+28	+13	0	+39
1. Commodities	+17	+43	+1	-5	+45	+11	-11	+62
2. Services	+9	+5	+8	+12	+3	+16	+16	+7
C. Personal Care	0	+6	+4	+4	+4	+8	+6	+15
1. Toilet Goods and Personal Care Appliances	+2	+6	+9	+6	+7	+10	+6	+6
2. Personal Care Services	-2	+6	+1	+2	+1	+7	+6	+23
D. Personal and Educational Expenses	+4	+22	-6	-8	-1	+7	-4	+18

r = revised

Table 27

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1979 OVER 1978

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+11%	+10%	+12%	+10%	+12%	+15%	+10%	+13%
I. Food and Beverages	+9%	+12%	+9%	+8%	+9%	+7%	+5%	+12%
A. Food	+9	+12	+9	+8	+9	+8	+5	+13
1. Food At Home	+10	+15	+4	+5	+9	+4	+5	+11
2. Food Away From Home	+6	+6	+21	+16	+8	+16	+4	+17
B. Alcoholic Beverages	+6	+6	+6	+6	+6	+6	+6	+6
II. Housing	+9%	+7%	+11%	+8%	+11%r	+15%	+9%	+13%
A. Shelter	+9	+7	+10	+7	+11	+15	+9	+14
1. Rent	+9	+6	-5	-5	-5	+13	-4	+9
2. Homeownership	+9	+7	+13	+10	+15	+16	+12	+15
B. Fuels and Other Utilities	+20	+13	+20	+20	+22	+19	+14	+14r
1. Fuels	+65	+61	+66	+65	+75	+72	+68	+56
2. Electricity	+16	+17	+16	+16	+15r	+16	+16	+16r
3. Natural Gas	+19	+6	+22	+24	+13	+10	0	+4
4. Other Utilities and Public Services	+4	-6	+3	+4	+12	+4	-3	0
C. Household Furnishings and Operation	0	0	+6	+5	+4	+10	+8	+10
1. House Furnishings	-2	0	+6	+6	+5	+11	+8	+11
2. Housekeeping Supplies	+6	0	+6	+1	+3	+7	+8	+7
III. Apparel	+14%	+10%	+11%	+7%	+5%	+9%	+11%	+8%
A. Apparel Commodities	+13	+9	+9	+6	+4	+8	+11	+8
1. Mens Apparel	-1	-1	+3	+2	+2	+9	+10	-2
2. Boys Apparel	+8	+3	+4	+4r	-2	+3	-2	-3
3. Womens Apparel	+21	+16	+14	+1	+1	+5	+15	+10
4. Girls Apparel	+8	+8	+10	-1	+6	+1	+9	+4
5. Footwear	+28	+17	+14	+28	+15	+19	+11	+26
B. Apparel Services	+21	+15	+23	+10	+11	+16	+13	+15
IV. Transportation	+19%	+16%	+18%	+16%	+19%	+24%	+14%	+20%
A. Auto Purchase	+13	+5	+8	+5	+12	+22	+3	+13
1. New Car	+10	+10	+9	+7	+14	+10	+9	+6
2. Used Car	+17	-3	+6	+3	+9	+41	-5	+22
B. Gasoline	+40	+41	+41	+39	+41	+42	+40	+44
C. Maintenance and Repair	+3	+13	+12	+5	+15	+6	+2	+10
D. Other Private Transportation	+14	+12	+16	+16	+10	+12	+10	+12
1. Commodities	+5	+15	+8	+11	+4	+14	-1	+9
2. Services	+16	+11	+18	+17	+11	+11	+13	+12
V. Other Goods and Services	+10%	+10%	+10%	+15%	+12%	+15%	+14%	+6%
A. Medical Care	+8	+6	+11	+17	+11	+11	+12	+8
1. Commodities	+11	+1	+17	+25	+14	+14	+20	+13
2. Services	+7	+6	+10	+15	+11	+11	+11	+7
B. Entertainment	+9	+12	+11	+14	+14	+17	+14	+1
1. Commodities	+9	+16	+18	+16	+20	+24	+19	-3
2. Services	+8	+7	+1	+9	+6	+6	+8	+7
C. Personal Care	+18	+15	+4	+10	+8	+18	+14	+8
1. Toilet Goods and Personal Care Appliances	+27	+18	+10	+16	+25	+17	+20	+23
2. Personal Care Services	+10	+13	0	+4	-6	+19	+10	-4
D. Personal and Educational Expenses	+26	+24	+24	+36	+33	+50	+41	+19

r = revised

Table 28

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1978 OVER 1977

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+6%	+10%	+8%	+8%	+8%	+7%	+10%	+5%
I. Food and Beverages	+7%	+6%	+5%	+11%	+14%	+12%	+8%	+7%
A. Food	+7	+6	+5	+12	+14	+12	+9	+7
1. Food At Home	+10	+8	+12	+12	+13	+13	+12	+11
2. Food Away From Home	+2	+4	-12	+11	+18	+11	+1	-1
B. Alcoholic Beverages	+4	+4	+4	+4	+4	+4	+4	+4
II. Housing	+6%	+10%	+8%	+8%	+6%	+7%	+9%	+3%
A. Shelter	+8	+9	+10	+9	+7	+8	+11	+3
1. Rent	+8	+9	+14	+7	+13	+3	+15	+2
2. Homeownership	+8	+9	+9	+10	+6	+9	+10	+3
B. Fuels and Other Utilities	-2	+16	+5	+6	0	+3	+1	+3
1. Fuels	+3	+4	+8	+5	+4	+2	+5	+3
2. Electricity	0r	+16	0	+1	0	0	-1	+14
3. Natural Gas	-25	+16	+24	+23	-14	+9	-1	-5
4. Other Utilities and Public Services	+7	+19	-1	0	+5	+2	+1	-1
C. Household Furnishings and Operation	+3	+7	+2	+5	+9	+7	+7	+3
1. House Furnishings	+2	+9	+2	+7	+10	+8	+8	+2
2. Housekeeping Supplies	+7	+4	+3	-1	+5	+2	+6	+6
III. Apparel	+4%	+8%	+12%	+5%	+7%	+11%	+19%	+6%
A. Apparel Commodities	+3	+7	+12	+4	+6	+12	+19	+5
1. Mens Apparel	+3	+2	+13	+2	-2	+14	+24	+6
2. Boys Apparel	+3	+6	+17	+4r	+10	+4	+23	+1
3. Womens Apparel	+3	+9	+9	+6	+10	+11	+13	+3
4. Girls Apparel	-1	+21	+15	+9	+22	+5	+4	+33
5. Footwear	+3	+5	+14	-1	+5	+16	+33	-2
B. Apparel Services	+11	+16	+11	+18	+12	+10	+13	+12r
IV. Transportation	+7%	+12%	+10%	+7%	+7%	+4%	+12%	+9%
A. Auto Purchase	+12	+23	+16	+11	+13	0	+16	+11
1. New Car	+8	+6	+8	+10	+5	+6	+11	+11
2. Used Car	+17	+49	+30	+14	+27	-9	+22	+11
B. Gasoline	+4	+4	+8	+4	+3	+3	+4	+2
C. Maintenance and Repair	+4	+9	+14	+11	+9	+10	+12	+13
D. Other Private Transportation	0	0	-4	-3	-3	+13	+13	+11
1. Commodities	-4	+2	+2	0	+4	-9	+3	-2
2. Services	+2	-1	-5	-4	-4	+18	+16	+14
V. Other Goods and Services	+8%	+13%	+8%	+7%	+4%	+2%	+5%	+7%
A. Medical Care	+11	+12	+7	+11	+6	+4	+9	+8
1. Commodities	+9	+12	+13	+7	0	+3	+1	-5
2. Services	+12	+12	+6	+12	+7	+4	+10	+10
B. Entertainment	+2	+15	+9	+1	-2	-2	0	+6
1. Commodities	-3	+13	+5	+1	-6	-8	-6	+7
2. Services	+10	+18	+13	+2	+6	+7	+8	+4
C. Personal Care	+13	+12	+9	+8	+11	+8	+9	+8
1. Toilet Goods and Personal Care Appliances	+8	+7	+8	+12	+8	+12	+12	0
2. Personal Care Services	+17	+16	+10	+4	+13	+5	+7	+14
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available
r = revised

Table 29

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1977 OVER 1976

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+8%	+7%	+9%	+7%	+5%	+8%	+5%	+10%
I. Food and Beverages	+6%	+6%	+11%	+7%	+3%	+9%	+7%	+9%
A. Food	+7	+6	+13	+8	+4	+11	+8	+10
1. Food At Home	+8	+6	+8	+7	+6	+11	+7	+10
2. Food Away From Home	+3	+8	+35	+13	-7	+11	+9	+14
B. Alcoholic Beverages	+1	+1	+1	+1	+1	+1	+1	+1
II. Housing	+10%	+7%	+8%	+6%	+8%	+8%	+6%	+9%
A. Shelter	+13	+7	+6	+4	+5	+5	+4	+7
1. Rent	+15	+4	+6	+6	+16	+3	+11	+4
2. Homeownership	+12	+8	+7	+3	+2	+6	+2	+8
B. Fuels and Other Utilities	+11	+11	+11	+9	+24	+23	+13	+21
1. Fuels	+18	+18	+17	+17	+15	+14	+18	+18
2. Electricity	+7	-4	+10	+7	+8	+9	+8	0
3. Natural Gas	+12	+17	+2	0	+59	+58	+14	+56
4. Other Utilities and Public Services	+10	+12	+16	+16	+8	+7	+12	+7
C. Household Furnishings and Operation	+2	+5	+10	+9	+4	+2	+6	+6
1. House Furnishings	+1	+4	+10	+8r	+2	+1	+6	+5
2. Housekeeping Supplies	+5	+10	+8	+11	+12	+5	+6	+8
III. Apparel	+15%	+7%	+8%	+17%	+6%	+11%	+3%	+13%
A. Apparel Commodities	+15	+6	+7r	+17	+6	+11	+1	+13
1. Mens Apparel	+18	+12	+27	+32	+6	+21	+12	+30
2. Boys Apparel	+14	+12	+11r	+11r	+9	+37r	+6r	+14
3. Womens Apparel	+18	-2	-4	+11	+1	+1	-10	+1
4. Girls Apparel	+14	+10	+7	+9	+12	+2	0	+16
5. Footwear	+8	+10	+3	+13	+10	+9	+5	+11
B. Apparel Services	+6	+10	+15	+18	+5	+15	+16	+12
IV. Transportation	+3%	+5%	+2%	+3%	+1%	+4%	-1%	+9%
A. Auto Purchase	-2	+8	0	+1	-4	0	-7	+11
1. New Car	+3	+12	+6	+7	+7	+12	+6	+11
2. Used Car	-6	+5	-5	-5	-14	-11	-17	+10
B. Gasoline	+4	+7	+4	+6	+7	+8	+2	+8
C. Maintenance and Repair	+3	-4	-8	-1	+6	+7	0	+3
D. Other Private Transportation	+9	+4	+5	+5	+2	+6	+4	+9
1. Commodities	+16	0	+12	+7	+2	+12	+9	+21
2. Services	+7	+4	+3	+4	+2	+4	+2	+6
V. Other Goods and Services	+5%	+10%	+13%	+6%	+5%	+5%	+6%	+10%
A. Medical Care	+8	+11	+22	+5	+4	+4	+5	+6
1. Commodities	+5	+11	+3	+10	+18	+9	+4	+26
2. Services	+9	+11	+25	+4	+3	+4	+5	+4
B. Entertainment	+1	+11	+4	+7	+4	+7	+11	+18
1. Commodities	+1	+29	-1	+10	-9	+2	+19	+31
2. Services	+1	0	+7	+5	+12	+10	+5	+10
C. Personal Care	+3	+7	+5	+7	+6	+6	+4	+10
1. Toilet Goods and Personal Care Appliances	+2	+3	+5	+4	+9	+1	+1	+11
2. Personal Care Services	+5	+10	+5	+10	+2	+11	+7	+9
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available
r = revised

Table 30

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1976 OVER 1975

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+4%	+4%	+5%	+4%	+7%	+6%	+8%	+5%
I. Food and Beverages	0%	-1%	+3%	+2%	+1%	0%	0%	+2%
A. Food	0	-1	+3	+2	+1	0	0	+2
1. Food At Home	0	-1	+3	+2	+2	0	0	+2
2. Food Away From Home	NA	NA	NA	NA	NA	NA	NA	NA
B. Alcoholic Beverages	+2	+2	+2	+2	+2	+2	+2	+2
II. Housing	+3%	+2%	+5%	+1%	+4%	+5%	+6%	+5%
A. Shelter	0	0	0	-1	+1	+1	0	+6
1. Rent	+8	+1	-3	+6	+2	-2	+6	+6
2. Homeownership	-3	-1	+1	-3	+1	+2	-2	+6
B. Fuels and Other Utilities	+8	+3	+13	+13	+10	+9	+23	+2
1. Fuels	+4	+1	+5	+3	+6	+4	+3	+3
2. Electricity	+28	0	+26	+26	+30	+28	+27	0
3. Natural Gas	0	+6	+21	+18	0	0	+42	0
4. Other Utilities and Public Services	+1	+4	0	+2	+2	+3	+16	+5
C. Household Furnishings and Operation	+8	+7	+16	0	+10	+14	+11	+3
1. House Furnishings	+9	+10	+21	-1	+13	+17	+12	+3
2. Housekeeping Supplies	+3	-5	0	+3	-4	+5	+4	+4
III. Apparel	+7%	+20%	+5%	+9%	+12%	+14%	+15%	0%
A. Apparel Commodities	+7	+22	+5	+9	+13	+15	+15	-1
1. Mens Apparel	+13	+31	+20	-1	+26	+12	-3	-13
2. Boys Apparel	+5	+4	+8	+10r	+22	+3	+9r	+21
3. Womens Apparel	-1	+31	-12	+6	+2	+22	+30	-6
4. Girls Apparel	+8	+8	+9	+14	+17	+41	+30	+10
5. Footwear	+17	+3	+16	+28r	+12	-4	+4	+10
B. Apparel Services	+7	+5	+2	+6	+5	+5	+16	+12
IV. Transportation	+3%	+3%	+5%	+7%	+12%	+11%	+16%	+6%
A. Auto Purchase	+8	0	+12	+8	+21	+17	+32	+11
1. New Car	+7	0	+14	+11	+8	+6	+6r	+5
2. Used Car	+9	0	+11	+5	+33	+26r	+57	+16
B. Gasoline	+1	-1	-1	+1	+2	+5	+4	-2
C. Maintenance and Repair	+1	+28	+13	+27	+8	+18	+22	+18
D. Other Private Transportation	+1	+4	-1	+4	+12	+7	+6	+6
1. Commodities	+6	+4	-12	+19	+3	+19	+16	+15
2. Services	-1	+3	+2	0	+14	+3	+3	+3
V. Other Goods and Services	+9%	+3%	+2%	+8%	+13%	+10%	+16%	+9%
A. Medical Care	+10	+5	+2	+10	+14	+11	+19	+11
1. Commodities	+3	+12	-2	-4	0	+12	+22	-4
2. Services	+11	+4	+2	+12	+16	+11	+19	+13
B. Entertainment	+5	0	+2	+3	+7	+13	+10	+9
1. Commodities	0	-24	+8	-6	+5	+24	+14	+4
2. Services	+9	+14	-1	+8	+8	+7	+7	+12
C. Personal Care	+12	+1	0	+11	+17	+4	+16	+7
1. Toilet Goods and Personal Care Appliances	+3	-1	+2	-1	-2	0	+10	0
2. Personal Care Services	+22	+4	-2	+24	+37	+9	+23	+15
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available
r = revised